

# Veradel<sup>®</sup> A-201 polyethersulfone

Veradel® A-201 is a low melt flow grade of polyethersulfone (PESU). It is transparent and offers high heat deflection temperatures, excellent toughness and dimensional stability, and resistance to steam, boiling water and mineral acids. Other desirable properties include thermal stability, creep resistance and inherent flame resistance.

Veradel® A-201 is A-301 are FDA compliant and therefore approved for direct food contact.

Veradel® A-201 can be processed by either extrusion or injection molding. A medium flow grade is available as Veradel® A-301. It is suggested for general purpose injection molding.

This grade was formerly marketed as Radel® A PESU

• Natural: Veradel® A-201 NT

#### General

Material Status	<ul> <li>Commercial: Active</li> </ul>			
Availability	<ul><li> Africa &amp; Middle East</li><li> Asia Pacific</li></ul>	<ul><li>Europe</li><li>North America</li></ul>	South America	
Features	<ul> <li>Acid Resistant</li> <li>Flame Retardant</li> <li>Food Contact Acceptable</li> <li>General Purpose</li> <li>Good Adhesion</li> <li>Good Chemical Resistance</li> </ul>	<ul> <li>Good Creep Resistance</li> <li>Good Dimensional Stability</li> <li>Good Thermal Stability</li> <li>Good Toughness</li> <li>High Heat Resistance</li> <li>High Tensile Strength</li> </ul>	<ul> <li>Hydrolysis Resistant</li> <li>Medium Flow</li> <li>Medium Molecular Weight</li> <li>Medium Rigidity</li> </ul>	
Uses	<ul><li> Appliance Components</li><li> Appliances</li><li> Automotive Electronics</li><li> Batteries</li></ul>	<ul> <li>Business Equipment</li> <li>Electrical Parts</li> <li>Electrical/Electronic Applications</li> <li>Food Service Application</li> </ul>	<ul> <li>Industrial Applications</li> <li>Microwave Cookware</li> <li>s</li> </ul>	
Agency Ratings	FDA Food Contact, Unspecified Rating			
RoHS Compliance	<ul> <li>RoHS Compliant</li> </ul>			
Automotive Specifications	• ASTM D6394 SP0212			
Appearance	Transparent - Slight Yellow			
Forms	Pellets			
Processing Method	Compounding	Extrusion	<ul> <li>Injection Molding</li> </ul>	

Physical	Typical Value Unit	Test method	
Specific Gravity	1.37	ASTM D792	
Melt Mass-Flow Rate (MFR) (380°C/2.16 kg)	20 g/10 min	ASTM D1238	
Molding Shrinkage - Flow	0.60 %	ASTM D955	
Water Absorption (24 hr)	0.50 %	ASTM D570	
Water Absorption - 30 days	1.9 %	ASTM D570	

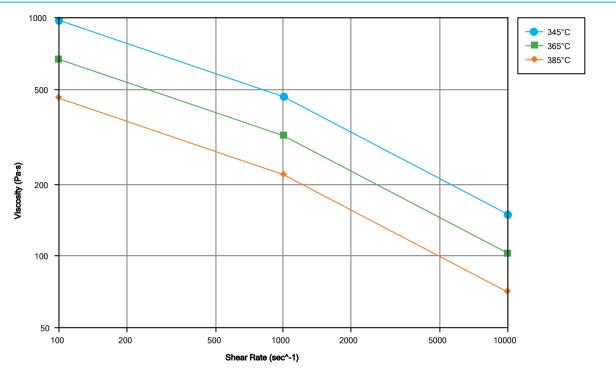
Mechanical	Typical Value Unit	Test method
Tensile Modulus	2690 MPa	ASTM D638
Tensile Strength	88.9 MPa	ASTM D638
Tensile Elongation (Yield)	6.5 %	ASTM D638
Flexural Modulus	2620 MPa	ASTM D790

# Veradel<sup>®</sup> A-201

polyethersulfone

Flexural Strength     125 MPa     ASTM D790       Impact     Typical Value Unit     Test method       Notched Izod Impact     53 J/m     ASTM D256       Thermal     Typical Value Unit     Test method       Deflection Temperature Under Load	Mechanical	Typical Value	Unit	Test method
Notched Izod Impact         53 J/m         ASTM D256           Thermal         Typical Value Unit         Test method           Deflection Temperature Under Load         200 °C         ASTM D648           1.8 MPa, Unannealed         200 °C         ASTM D648           1.8 MPa, Unannealed         200 °C         ASTM D666           Electrical         Typical Value Unit         Test method           Volume Resistivity         1.7E+15 ohm-cm         ASTM D257           Dielectric Constant         ASTM D150         60 Hz         3.51           1 kHz         3.54         D150         60 Hz         0.0017           1 kHz         3.54         D150         60 Hz         0.0017           1 kHz         3.54         D150         60 Hz         0.0022           1 MHz         0.00056         Test method         150           Picetar         0.0017         1 kHz         0.0022         1 MHz           1 MHz         0.00056         Test method         10           Piambility         Typical Value Unit         Test method           Piamobility         Typical Value Unit         Test method           Pring Temperature         0.0056         C         Drying Time         2.5 hr				
Notched Izod Impact         53 J/m         ASTM D256           Thermal         Typical Value Unit         Test method           Deflection Temperature Under Load         200 °C         ASTM D648           1.8 MPa, Unannealed         200 °C         ASTM D648           1.8 MPa, Unannealed         200 °C         ASTM D666           Electrical         Typical Value Unit         Test method           Volume Resistivity         1.7E+15 ohm-cm         ASTM D257           Dielectric Constant         ASTM D150         60 Hz         3.51           1 kHz         3.54         D150         60 Hz         0.0017           1 kHz         3.54         D150         60 Hz         0.0017           1 kHz         3.54         D150         60 Hz         0.0022           1 MHz         0.00056         Test method         150           Picetar         0.0017         1 kHz         0.0022         1 MHz           1 MHz         0.00056         Test method         10           Piambility         Typical Value Unit         Test method           Piamobility         Typical Value Unit         Test method           Pring Temperature         0.0056         C         Drying Time         2.5 hr				
Thermal         Typical Value Unit         Test method           Deflection Temperature Under Load         200 °C         ASTM D648           1.8 MPa, Unannealed         200 °C         ASTM D648           1.8 MPa, Unannealed         200 °C         ASTM D648           1.8 MPa, Unannealed         200 °C         ASTM D648           Electrical         Typical Value Unit         Test method           Volume Resistivity         1.7E+15 ohm-cm         ASTM D159           Delectric Constant         ASTM D150         60 Hz         3.51           1 KHz         3.50         1         1KHz         3.54           Dissipation Factor         0.00022         1         MHz         0.0066           FlanneBility         Typical Value Unit         Test method         1           Flame Rating ° (1.50 mm)         V-0         UL 94         1           Injection         Typical Value Unit         Test method         1           Drying Time         2.5 hr         Processing (Meti) Temp         345 0.385 °C           Mold Temperature         175 °C         Drying Time         2.5 hr           Processing Multi) Temp         345 0.385 °C         SC         Screw Compression Ratio         2.2:1.0      Extusion         <				
Deflection Temperature Under Load         ASTM D648           1.8 MPa, Unannealed         200 °C           CLTE - Flow         0.000052 cm/cm/°C         ASTM D696           Electrical         Typical Value Unit         Test method           Volume Resistivity         1.7E+15 ohm·cm         ASTM D257           Dielectric Strength         15 kV/mm         ASTM D149           Dielectric Constant         ASTM D150         60 Hz         3.51           1 kHz         3.50         1         1           Dissipation Factor         ASTM D150         60 Hz         0.0017           1 kHz         0.0022         1         MHz         0.0022           1 MHz         0.0022         1         MHz         0.0056           Flanmability         Typical Value Unit         Test method           Plane Rating 1 (1.50 mm)         V-0         UL 94           Injection         Typical Value Unit         Test method           Processing (Metit Temp         345 to 385 °C         Mold Temperature           Drying Time         2.5 hr         Processing (Metit Temp         345 to 385 °C           Mold Temperature         175 °C         Propring Time         2.2 hr           Drying Temperature         175 °C	Notched Izod Impact	53	J/m	ASTM D256
1.8 MPa, Unannealed         200 °C           CLTE - Flow         0.000052 cm/cm/°C         ASTM D696           Electrical         Typical Value         Unit         Test method           Volume Resistivity         1.7E+15 ohm-cm         ASTM D257           Dielectric Strength         15 kV/mn         ASTM D150           60 Hz         3.51         ASTM D150           60 Hz         3.51         IkHz           Dissipation Factor         ASTM D150           60 Hz         0.0017         IkHz           1 MHz         3.54         D150           60 Hz         0.0017         IkHz           1 MHz         0.0022         1           1 MHz         0.0026         Immember           Flammability         Typical Value         Unit         Test method           Flame Rating 1 (1.50 mm)         V-0         UL 94         Immember           Injection         Typical Value         Unit         Test method           Pring Temperature         175 °C         Ommember         Ommember           Drying Time         2.5 hr         Processing (Mell) Temp         335 to 330 °C         Ommember           Drying Temperature         175 °C         Ommember         Ommember	Thermal	Typical Value	Unit	Test method
CLTE - Flow         0.000052 cm/cm/°C         ASTM D696           Electrical         Typical Value Unit         Test method           Volume Resistivity         1.7E+15 ohm-cm         ASTM D257           Dielectric Strength         15 kV/mm         ASTM D149           Dielectric Constant         ASTM D150         60 Hz         3.51           1 kHz         3.50         1         MHz         3.54           Dissipation Factor         0.0017         ASTM D150         60 Hz         0.0017           1 kHz         3.64         0.0022         1         MHz         0.0022           1 MHz         0.0022         1         MHz         0.0022         1           1 kHz         0.0026         1         MHz         0.0056         1           Flammability         Typical Value Unit         Test method         1         1           Injection         Typical Value Unit         Test method         1<	Deflection Temperature Under Load			ASTM D648
Electrical         Typical Value Unit         Test method           Volume Resistivity         1.7E+15 ohm-cm         ASTM D257           Dielectric Strength         15 kV/mm         ASTM D150           06 Hz         3.51         ASTM D150           06 Hz         3.51         ItHz           1 kHz         3.50         ASTM D150           06 Hz         3.54         Dissipation Factor         ASTM D150           60 Hz         0.0017         ASTM D150         60 Hz           1 kHz         0.0022         1         MHz         0.0022           1 MHz         0.0056         Typical Value Unit         Test method           Flammability         Typical Value Unit         Test method           Flame Rating 1 (1.50 mm)         V-0         UL 94           Injection         Typical Value Unit         Test method           Prign Time         2.5 hr         Processing (Mell) Temp         345 to 385 °C           Moid Temperature         135 °C         Screw Compression Ratio         2.2:1.0           Extrusion         Typical Value Unit         Dirign Time         2.5 hr           Prying Time         2.5 hr         C         Opinder Zone 2         Screw Compression Ratio         2.2:1.0 <td>1.8 MPa, Unannealed</td> <td>200</td> <td>C°</td> <td></td>	1.8 MPa, Unannealed	200	C°	
Volume Resistivity         1.7E+15 ohm-cm         ASTM D257           Dielectric Strength         15 kV/mm         ASTM D149           Dielectric Constant         ASTM D150         60 Hz         3.51           1 kHz         3.50         1         MHz         3.54           Dissipation Factor         ASTM D150         60 Hz         0.0017         1           1 kHz         3.54         0.0022         1         MHz         0.0022         1           1 kHz         0.0022         1         MHz         0.0022         1         MHz         0.0022         1           1 kHz         0.00056         0         UL 94         0.0056         1         1         KHz         0.0056         1         1         KHz         0.0022         1         MHz         0.0056         1         1         KHz         0.0056         1         1         1         1         1         1         1         1         1         KHz         0.0022         1	CLTE - Flow	0.000052	cm/cm/°C	ASTM D696
Delectric Strength         15 kV/mm         ASTM D149           Dielectric Constant         ASTM D150         60 Hz         3.51           1 kHz         3.50         1         1           1 kHz         3.50         1         1           Dissipation Factor         ASTM D150         60 Hz         3.54           Dissipation Factor         0.0017         1         kHz         0.0022           1 MHz         0.0022         1         MHz         0.0056           Flammability         Typical Value Unit         Test method           Flame Rating 1 (1.50 mm)         V-0         UL 94           Injection         Typical Value Unit         Test method           Progessing (MeIt) Temp         345 to 385 °C         0           Mold Temperature         135 °C         5           Screw Compression Ratio         2.2:1.0         0           Extrusion         Typical Value Unit         0           Drying Time         2.5 hr         0           Drying Time         2.5 hr         0           Orying Time         2.5 hr         0           Drying Time         2.5 hr         0           Orying Time         3.5 to 390 °C         0	Electrical	Typical Value	Unit	Test method
Dielectric Constant         ASTM D150           60 Hz         3.51           1 kHz         3.50           1 MHz         3.54           Dissipation Factor         ASTM D150           60 Hz         0.0017           1 kHz         0.0022           1 MHz         0.0022           1 MHz         0.0056           Flammability         Typical Value Unit         Test method           Flame Rating 1 (1.50 mm)         V-0         UL 94           Injection         Typical Value Unit         Test method           Flammability         Typical Value Unit         Test method           Processing (Mell) Temp         345 to 385 °C         Mold Temperature           Drying Time         2.5 hr         Processing (Mell) Temp         345 to 385 °C           Mold Temperature         135 °C         Screw Compression Ratio         2.2:1.0           Extrusion         Typical Value Unit         Typing Temperature         175 °C           Drying Time         2.5 hr         Opting Temperature         175 °C           Drying Time         2.5 hr         Opting Temperature         0.5 hr           Oylinder Zone 1 Temp.         335 to 390 °C         Opting Temperature         0.5 hr	Volume Resistivity	1.7E+15	ohm∙cm	ASTM D257
60 Hz         3.51           1 kHz         3.50           1 MHz         3.54           Dissipation Factor         ASTM D150           60 Hz         0.0017           1 kHz         0.0022           1 MHz         0.0022           1 MHz         0.0056           Flammability         Typical Value Unit           Flame Rating 1 (1.50 mm)         V-0         UL 94           Injection         Typical Value Unit         Test method           Drying Temperature         175 °C         O           Drying Time         2.5 hr         Processing (Melt) Temp         345 to 385 °C           Mold Temperature         135 °C         Screw Compression Ratio         2.2:1.0           Extrusion         Typical Value Unit         Dying Temperature         175 °C           Drying Time         2.5 hr         C         O           Drying Time         2.5 hr         C         C           Drying Temperature         175 °C         C         D           Drying Time         2.5 hr         C         C           Cylinder Zone 1 Temp.         335 to 390 °C         C           Cylinder Zone 2 Temp.         335 to 390 °C         C              <	Dielectric Strength	15	kV/mm	ASTM D149
1 kHz         3.50           1 MHz         3.54           Dissipation Factor         ASTM D150           60 Hz         0.0017           1 kHz         0.0022           1 MHz         0.0056           Flammability         Typical Value         Unit           Injection         Typical Value         Unit           Drying Temperature         175 °C         Drying Time           Processing (Meit) Temp         345 to 385 °C         Mold Temperature           Mold Temperature         135 °C         Screw Compression Ratio         2.2:1.0           Extrusion         Typical Value         Unit         Drying Time           Drying Time         2.5 hr         C         Drying Time         2.5 hr           Cylinder Zone 1 Temp.         335 to 390 °C         C         Drying Time         2.5 hr           Cylinder Zone 1 Temp.         335 to 390 °C         C         C         C           Cylinder Zone 1 Temp.         335 to 390 °C	Dielectric Constant			ASTM D150
1 MHz         3.54           Dissipation Factor         ASTM D150           60 Hz         0.0017           1 kHz         0.0022           1 MHz         0.0056           Flammability         Typical Value Unit         Test method           Flamma Sility         Typical Value Unit         Test method           Injection         Typical Value Unit         Test method           Drying Temperature         175 °C         Drying Time           Drying Time         2.5 hr         Screw Compression Ratio         2.2:1.0           Extrusion         Typical Value Unit         Drying Time         2.5 hr           Oying Time         2.5 hr         C         Screw Compression Ratio         2.2:1.0           Extrusion         Typical Value Unit         Drying Time         2.5 hr         C           Orying Time         2.5 hr         C         C         C           Oyinder Zone 1 Temp.         335 to 390 °C	60 Hz	3.51		
Dissipation Factor         ASTM D150           60 Hz         0.0017           1 kHz         0.0022           1 MHz         0.0056           Flammability         Typical Value Unit         Test method           Flame Rating 1 (1.50 mm)         V-0         UL 94           Injection         Typical Value Unit         Test method           Drying Temperature         175 °C         Drying Time         2.5 hr           Processing (Melt) Temp         345 to 385 °C         Mold Temperature         135 °C           Screw Compression Ratio         2.2:1.0         Extrusion         Typical Value Unit           Drying Temperature         175 °C         O         Screw Compression Ratio           Screw Compression Ratio         2.2:1.0         Extrusion         Screw Compression Ratio         2.5 hr           Drying Temperature         175 °C         O         Screw Compression Ratio         2.5 hr           Cylinder Zone 1 Temp.         335 to 390 °C         O         O         O           Cylinder Zone 2 Temp.         335 to 390 °C         O         O         O           Cylinder Zone 3 Temp.         335 to 390 °C         C         C         C         C           Cylinder Zone 5 Temp.         335 to 390	1 kHz	3.50		
60 Hz         0.0017           1 kHz         0.0022           1 MHz         0.0056           Flamability         Typical Value Unit         Test method           Flame Rating 1 (1.50 mm)         V-0         UL 94           Injection         Typical Value Unit         Drying Temperature           Drying Temperature         175 °C         Drying Time           Processing (Melt) Temp         345 to 385 °C         Mold Temperature           Screw Compression Ratio         2.2:1.0         Screw Compression Ratio           Extrusion         Typical Value Unit         Drying Time           Drying Temperature         175 °C         O           Drying Temperature         3.5 to 390 °C         Screw Compression Ratio           Screw Compression Ratio         2.5 hr         O           Oying Time         2.5 hr         Screw Compression Ratio         Screw Compression Ratio           Cylinder Zone 1 Temp.         335 to 390 °C         Screw Compression Ratio         Screw Compression Ratio           Cylinder Zone 2 Temp.         335 to 390 °C         Screw Compression Ratio         Screw Compression Ratio           Cylinder Zone 3 Temp.         335 to 390 °C         Screw Compression Ratio         Screw Compression Ratio           Cylinder Zone 5 Temp.	1 MHz	3.54		
1 kHz         0.0022           1 MHz         0.0056           Flamability         Typical Value Unit         Test method           Flame Rating 1 (1.50 mm)         V-0         UL 94           Injection         Typical Value Unit         Test method           Drying Temperature         175 °C         Drying Time         2.5 hr           Processing (Melt) Temp         345 to 385 °C         Screw Compression Ratio         2.2:1.0           Extrusion         Typical Value Unit         Drying Time         2.5 hr           Drying Temperature         175 °C         Drying Time         2.5 hr           Drying Temperature         175 °C         Drying Time         2.5 hr           Screw Compression Ratio         2.2:1.0         Extrusion         Cylinder Zone 1 Temp.           Drying Time         2.5 hr         C         Drying Time         2.5 hr           Cylinder Zone 1 Temp.         335 to 390 °C         C         Cylinder Zone 2 Temp.         335 to 390 °C           Cylinder Zone 3 Temp.         335 to 390 °C         C         C         Cylinder Zone 4 Temp.         335 to 390 °C         C           Cylinder Zone 5 Temp.         335 to 390 °C         C         C         C         C         C         C         C<	Dissipation Factor			ASTM D150
1 MHz0.0056FlammabilityTypical Value UnitTest methodFlame Rating 1 (1.50 mm)V-0UL 94InjectionTypical Value UnitUl 94InjectionTypical Value UnitUl 94Drying Temperature175 °CDrying Time2.5 hrProcessing (Melt) Temp345 to 385 °CMold Temperature135 °CScrew Compression Ratio2.2:1.0ExtrusionTypical Value UnitDrying Time2.5 hrCylinder Zone 1 Temp.335 to 390 °CCylinder Zone 2 Temp.335 to 390 °CCylinder Zone 3 Temp.335 to 390 °CCylinder Zone 4 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CAdapter Temperature325 to 370 °CMelt Temperature345 to 390 °CKett Temperature345 to 390 °CCylinder Zone 5 Temp.335 to 390 °CCylinder Zone 5 Temp.345 to 390 °CCylinder Zone 5 Temp	60 Hz	0.0017		
FlammabilityTypical Value UnitTest methodFlame Rating 1 (1.50 mm)V-0UL 94InjectionTypical Value UnitDrying Temperature175 °CDrying Time2.5 hrProcessing (Melt) Temp345 to 385 °CMold Temperature135 °CScrew Compression Ratio2.2:1.0ExtrusionTypical Value UnitDrying Time2.5 hrCylinder Zone 1 Temp.335 to 390 °CCylinder Zone 2 Temp.335 to 390 °CCylinder Zone 3 Temp.335 to 390 °CCylinder Zone 4 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CAdapter Temperature325 to 370 °CMelt Temperature345 to 390 °CCylinder Zone 5 Temp.335 to 390 °CAdapter Temperature345 to 390 °C	1 kHz	0.0022		
Flame Rating 1 (1.50 mm)V-0UL 94InjectionTypical Value UnitDrying Temperature175 °CDrying Time2.5 hrProcessing (Melt) Temp345 to 385 °CMold Temperature135 °CScrew Compression Ratio2.2:1.0ExtrusionTypical Value UnitDrying Time2.5 hrOrging Time2.5 hrCylinder Zone 1 Temp.335 to 390 °CCylinder Zone 2 Temp.335 to 390 °CCylinder Zone 3 Temp.335 to 390 °CCylinder Zone 4 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CMelt Temperature325 to 370 °CMelt Temperature345 to 390 °C	1 MHz	0.0056		
InjectionTypical Value UnitDrying Temperature175 °CDrying Time2.5 hrProcessing (Melt) Temp345 to 385 °CMold Temperature135 °CScrew Compression Ratio2.2:1.0ExtrusionTypical Value UnitDrying Temperature175 °CDrying Time2.5 hrCylinder Zone 1 Temp.335 to 390 °CCylinder Zone 3 Temp.335 to 390 °CCylinder Zone 4 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CMelt Temperature325 to 370 °CMelt Temperature345 to 390 °C	Flammability	Typical Value	Unit	Test method
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Drying Temperature175 °CDrying Time2.5 hrProcessing (Melt) Temp345 to 385 °CMold Temperature135 °CScrew Compression Ratio2.2:1.0Extrusion2.2:1.0Extrusion175 °CDrying Temperature175 °CDrying Time2.5 hrCylinder Zone 1 Temp.335 to 390 °CCylinder Zone 2 Temp.335 to 390 °CCylinder Zone 3 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CAdapter Temperature325 to 370 °CMelt Temperature345 to 390 °C	Injection	Typical Value	Unit	
Drying Time2.5 hrProcessing (Melt) Temp345 to 385 °CMold Temperature135 °CScrew Compression Ratio2.2:1.0ExtrusionTypical Value UnitDrying Temperature175 °CDrying Time2.5 hrCylinder Zone 1 Temp.335 to 390 °CCylinder Zone 2 Temp.335 to 390 °CCylinder Zone 3 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CAdapter Temperature325 to 370 °CMelt Temperature345 to 390 °C				
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Screw Compression Ratio2.2:1.0ExtrusionTypical ValueUnitDrying Temperature175 °CDrying Time2.5 hrCylinder Zone 1 Temp.335 to 390 °CCylinder Zone 2 Temp.335 to 390 °CCylinder Zone 3 Temp.335 to 390 °CCylinder Zone 4 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CAdapter Temperature325 to 370 °CMelt Temperature345 to 390 °C				
Drying Temperature175 °CDrying Time2.5 hrCylinder Zone 1 Temp.335 to 390 °CCylinder Zone 2 Temp.335 to 390 °CCylinder Zone 3 Temp.335 to 390 °CCylinder Zone 4 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CAdapter Temperature325 to 370 °CMelt Temperature345 to 390 °C	•			
Drying Temperature175 °CDrying Time2.5 hrCylinder Zone 1 Temp.335 to 390 °CCylinder Zone 2 Temp.335 to 390 °CCylinder Zone 3 Temp.335 to 390 °CCylinder Zone 4 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CAdapter Temperature325 to 370 °CMelt Temperature345 to 390 °C	Extrusion	Typical Value	Unit	
Drying Time2.5 hrCylinder Zone 1 Temp.335 to 390 °CCylinder Zone 2 Temp.335 to 390 °CCylinder Zone 3 Temp.335 to 390 °CCylinder Zone 4 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CAdapter Temperature325 to 370 °CMelt Temperature345 to 390 °C				
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Cylinder Zone 4 Temp.335 to 390 °CCylinder Zone 5 Temp.335 to 390 °CAdapter Temperature325 to 370 °CMelt Temperature345 to 390 °C				
Cylinder Zone 5 Temp.335 to 390 °CAdapter Temperature325 to 370 °CMelt Temperature345 to 390 °C				
Adapter Temperature325 to 370 °CMelt Temperature345 to 390 °C				
Melt Temperature 345 to 390 °C				
	Die Temperature			

### Viscosity vs. Shear Rate (ISO 11403-2)



#### Notes

Typical properties: these are not to be construed as specifications.

<sup>1</sup> These flammability ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions.

## www.solvay.com

SpecialtyPolymers.EMEA@solvay.com | Europe, Middle East and Africa SpecialtyPolymers.Americas@solvay.com | Americas SpecialtyPolymers.Asia@solvay.com | Asia and Australia



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