Plaslube® J-1/CF/15/TF/20 NAT

Polyamide 66

Techmer Engineered Solutions

Message:

Plaslube® J-1/CF/15/TF/20 NAT is a polyamide 66 (nylon 66) product. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The main features are: Rohs certification.

Physical Nominal Value Unit Test Method Specific Gravity 1.33 g/cm³ ASTM D792 Molding Shrinkage - Flow (3.18 mm) 0.20 - 0.30 % ASTM D955 Water Absorption (24 hr) 0.70 % ASTM D570 Mechanical Nominal Value Unit Test Method Tensile Strength 152 MPa ASTM D638 Tensile Elongation (Break) 2.5 % ASTM D638 Flexural Modulus 8960 MPa ASTM D790 Flexural Strength 228 MPa ASTM D790 Impact Nominal Value Unit Test Method Notched Izod Impact 53 J/m ASTM D256 Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (1.8 MPa, Unannealed) °C ASTM D648	General Information			
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Water Absorption (24 hr) O.70 Mechanical Nominal Value Unit Test Method Tensile Strength 152 MPa ASTM D638 Tensile Elongation (Break) 2.5 % ASTM D638 Flexural Modulus 8960 MPa ASTM D790 Flexural Strength 228 MPa ASTM D790 Impact Nominal Value Unit Test Method Notched Izod Impact 53 J/m ASTM D256 Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (1.8 MPa, Unannealed) 250 °C ASTM D648 CLTE - Flow 2.2E-5 cm/cm/°C ASTM D696 Electrical Nominal Value Unit Test Method ASTM D648 CLTE - Flow 2.2E-5 cm/cm/°C ASTM D696 Electrical Nominal Value Unit Test Method ASTM D696	Specific Gravity	1.33	g/cm³	ASTM D792
Mechanical Nominal Value Unit Test Method Tensile Strength 152 MPa ASTM D638 Tensile Elongation (Break) 2.5 % ASTM D638 Flexural Modulus 8960 MPa ASTM D790 Flexural Strength 228 MPa ASTM D790 Impact Nominal Value Unit Test Method Notched Izod Impact 53 J/m ASTM D256 Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (1.8 MPa, Unannealed) 250 °C ASTM D648 CLTE - Flow 2.2E-5 cm/cm/°C ASTM D696 Electrical Nominal Value Unit Test Method Surface Resistivity 5.5E+2 ohms ASTM D257	Molding Shrinkage - Flow (3.18 mm)	0.20 - 0.30	%	ASTM D955
Tensile Strength 152 MPa ASTM D638 Tensile Elongation (Break) 2.5 % ASTM D638 Flexural Modulus 8960 MPa ASTM D790 Flexural Strength 228 MPa ASTM D790 Impact Nominal Value Unit Test Method Notched Izod Impact 53 J/m ASTM D256 Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (1.8 MPa, Unannealed) 250 °C ASTM D648 CLTE - Flow 2.2E-5 cm/cm/°C ASTM D696 Electrical Nominal Value Unit Test Method Surface Resistivity 5.5E+2 ohms ASTM D257	Water Absorption (24 hr)	0.70	%	ASTM D570
Tensile Elongation (Break) 2.5 % ASTM D638 Flexural Modulus 8960 MPa ASTM D790 Flexural Strength 228 MPa ASTM D790 Impact Nominal Value Unit Test Method Notched Izod Impact 53 J/m ASTM D256 Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (1.8 MPa, Unannealed) 250 °C ASTM D648 CLTE - Flow 2.2E-5 cm/cm/°C ASTM D696 Electrical Nominal Value Unit Test Method Surface Resistivity 5.5E+2 ohms ASTM D257	Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus 8960 MPa ASTM D790 Flexural Strength 228 MPa ASTM D790 Impact Nominal Value Unit Test Method Notched Izod Impact Nominal Value Unit Test Method ASTM D256 Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (1.8 MPa, Unannealed) 250 CLTE - Flow 2.2E-5 cm/cm/°C ASTM D648 Electrical Nominal Value Unit Test Method ASTM D696 Electrical Nominal Value Unit Test Method ASTM D695	Tensile Strength	152	MPa	ASTM D638
Flexural Strength 228 MPa ASTM D790 Impact Nominal Value Unit Test Method Notched Izod Impact 53 J/m ASTM D256 Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (1.8 MPa, Unannealed) 250 °C ASTM D648 CLTE - Flow 2.2E-5 cm/cm/°C ASTM D696 Electrical Nominal Value Unit Test Method Surface Resistivity 5.5E+2 ohms ASTM D257	Tensile Elongation (Break)	2.5	%	ASTM D638
ImpactNominal ValueUnitTest MethodNotched Izod Impact53J/mASTM D256ThermalNominal ValueUnitTest MethodDeflection Temperature Under Load (1.8 MPa, Unannealed)250°CASTM D648CLTE - Flow2.2E-5cm/cm/°CASTM D696ElectricalNominal ValueUnitTest MethodSurface Resistivity5.5E+2ohmsASTM D257	Flexural Modulus	8960	MPa	ASTM D790
Notched Izod Impact 53 J/m ASTM D256 Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (1.8 MPa, Unannealed) 250 °C ASTM D648 CLTE - Flow 2.2E-5 cm/cm/°C ASTM D696 Electrical Nominal Value Unit Test Method Surface Resistivity 5.5E+2 ohms ASTM D257	Flexural Strength	228	MPa	ASTM D790
Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (1.8 MPa, Unannealed) 250 °C ASTM D648 CLTE - Flow 2.2E-5 cm/cm/°C ASTM D696 Electrical Nominal Value Unit Test Method Surface Resistivity 5.5E+2 ohms ASTM D257	Impact	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed) 250 °C ASTM D648 CLTE - Flow 2.2E-5 cm/cm/°C ASTM D696 Electrical Nominal Value Unit Test Method Surface Resistivity 5.5E+2 ohms ASTM D257	Notched Izod Impact	53	J/m	ASTM D256
MPa, Unannealed) 250 °C ASTM D648 CLTE - Flow 2.2E-5 cm/cm/°C ASTM D696 Electrical Nominal Value Unit Test Method Surface Resistivity 5.5E+2 ohms ASTM D257	Thermal	Nominal Value	Unit	Test Method
CLTE - Flow 2.2E-5 cm/cm/°C ASTM D696 Electrical Nominal Value Unit Test Method Surface Resistivity 5.5E+2 ohms ASTM D257		252	25	ACTIA DO 10
Electrical Nominal Value Unit Test Method Surface Resistivity 5.5E+2 ohms ASTM D257	MPa, Unannealed)	250	°C	ASTM D648
Surface Resistivity 5.5E+2 ohms ASTM D257	CLTE - Flow	2.2E-5	cm/cm/°C	ASTM D696
·	Electrical	Nominal Value	Unit	Test Method
Volume Resistivity 5.5E+3 ohms⋅cm ASTM D257	Surface Resistivity	5.5E+2	ohms	ASTM D257
	Volume Resistivity	5.5E+3	ohms·cm	ASTM D257

Surface Resistivity, Techmer Test Method: 100 to 1000 ohmVolume Resistivity, Techmer Test Method: 1000 to 10000 ohm-cm

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