Domamid HT™ 7773R15H3 Bk-1

Polyamide 66

Technical Polymers, LLC

Message:

PA66, 15% Glass Fiber, Enhanced Heat Stability, Black
Processing Method: Injection Molding or Extrusion

General Information	
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight
Features	Good Heat Resistance
Appearance	Black
Forms	Particle
Processing Method	Extrusion Injection molding

Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm³	ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	5000	MPa	ISO 527-2
Tensile Stress (23°C)	70.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	> 10	%	ISO 527-2
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	6.5	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	194	°C	ISO 75-2/A
Melting Temperature (DSC)	260	°C	ISO 3146
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity	> 1.0E+14	ohms·cm	ISO 3915
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating	HB		UL 94
Injection	**Nominal Value**	**Unit**	
Drying Temperature	75 - 80	°C	
Drying Time	3.0 - 4.0	hr	
Processing (Melt) Temp	280 - 300	°C	
Mold Temperature	65 - 90	°C	

Recommended distributors for this material

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