

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/cm ³	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/m ²	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

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Recommended distributors for this material

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