

TECHNYL® B 738 MX15 BLACK 61

Polyamide 66/6 Copolymer
Solvay Engineering Plastics

Message:

TECHNYL B 738 MX15 Grey 3279 is a Polyamide 6.6, with 15% of mineral filler.

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Features	Good Dimensional Stability		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
Appearance	Grey		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.22	g/cm³	ISO 1183/A
Water Absorption (23°C, 24 hr)	1.2	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	4300	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	59.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3.0	%	ISO 527-2
Flexural Modulus (23°C)	3700	MPa	ISO 178
Flexural Stress (23°C)	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	60	kJ/m²	ISO 179
Notched Izod Impact Strength (23°C)	3.0	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	244	°C	ISO 3146
Injection	Nominal Value	Unit	
Rear Temperature	250 to 260	°C	
Middle Temperature	250 to 270	°C	
Front Temperature	250 to 270	°C	
Nozzle Temperature	250 to 270	°C	
Mold Temperature	80.0 to 100	°C	

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Recommended distributors for this material

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