

Ultramid® Aqua UV BK20592

Polyamide 66

BASF Corporation

Message:

Ultramid® Aqua UV BK20592 is a Polyamide 66 (Nylon 66) product filled with 35% glass fiber. It is available in Asia Pacific.

General Information			
Filler / Reinforcement	Glass Fiber,35% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm ³	ISO 1183
Apparent Density	0.70	g/cm ³	
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	35.0	cm ³ /10min	ISO 1133
Viscosity Number (96% H2SO4 (Sulphuric Acid))	150	cm ³ /g	ISO 307
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10700	MPa	ISO 527-2
Tensile Stress (Break)	170	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus	9700	MPa	ISO 178
Flexural Stress	240	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	71	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	235	°C	ISO 75-2/A
Additional Information	Nominal Value		
Polymer Abbreviation	Modified PA66-GF35		

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Recommended distributors for this material

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