

Ultramid® A 3W2G10 BK20560

Polyamide 66

BASF Corporation

Product Description

Ultramid A3W2G10 BK20560 is a 50% glass fiber reinforced injection molding PA66 grade.

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber Reinforcement, 50% Filler by Weight
Processing Method	• Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	20.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	15200	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	236	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.9	%	ISO 527-2
Flexural Modulus (23°C)	14500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	13	kJ/m ²	ISO 179
Notched Izod Impact Strength			ISO 180
-40°C	13.0	kJ/m ²	
23°C	14.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	256	°C	ISO 75-2/B
1.8 MPa, Unannealed	247	°C	ISO 75-2/A
Melting Temperature	260	°C	ISO 3146

Notes

¹ Typical properties: these are not to be construed as specifications.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

如需要更多物性资料请查阅 www.kedisujiao.com

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