

Ultramid® A3EG6 BK00564

Polyamide 66

BASF Corporation

Message:

Ultramid® A3EG6 BK00564 is a Polyamide 66 (Nylon 66) product. It is available in North America.

Characteristics include:

REACH Compliant

RoHS Compliant

General Information			
UL YellowCard	E36632-531620		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Water Absorption			ISO 62
Saturation, 23°C	5.5	%	
Equilibrium, 23°C, 50% RH	1.7	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	9550	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	170	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.5	%	ISO 527-2
Flexural Modulus (23°C)	8550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	260	°C	ISO 75-2/B
1.8 MPa, Unannealed	250	°C	ISO 75-2/A
Melting Temperature (DSC)	260	°C	ISO 3146

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