

Ultramid® B27 N 02

Polyamide 6

BASF Corporation

Message:

Ultramid B27 N 02 is a light stabilized polyamide 6 grade for the production of bright textiles and carpet fibers.

General Information			
Features	Light stabilization		
	Oil resistance		
Uses	Textile applications		
	Fiber		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Fiber (spinning) extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm³	ISO 1183
Apparent Density	0.63	g/cm³	
Water Absorption			ISO 62
Saturated, 23°C	9.5	%	ISO 62
Equilibrium, 23°C, 50% RH	2.7	%	ISO 62
Viscosity Number (96% H2SO4)	147	cm³/g	ISO 307
Moisture Content		%	ISO 15512
Relative viscosity-1% in 96% Sulfuric Acid	2.64 - 2.72		ISO 307
Pellet Shape	Cylindrical		
Pellet Size	2.00 - 2.50	mm	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	220	°C	ISO 3146

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