

# Ultramid® A27 E 01

Polyamide 66

BASF Corporation

## Message:

Ultramid® A27 E 01 is a polyamide 66 grade of low viscosity that is well suited for compounding, monofilaments and bristles.

General Information			
Features	Food Contact Acceptable		
	Low Viscosity		
	Oil Resistant		
Uses	Compounding		
	Monofilaments		
Agency Ratings	BfR Food Contact, Unspecified Rating		
	EC 1907/2006 (REACH)		
	EU 2002/72/EC		
	FDA 21 CFR 177.1500		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.12 to 1.15	g/cm <sup>3</sup>	ISO 1183
Apparent Density	0.70	g/cm <sup>3</sup>	
Water Absorption			
Saturation, 23°C	8.5	%	
Equilibrium, 23°C, 50% RH	2.2	%	
Viscosity Number (96% H2SO4 (Sulphuric Acid))	142 to 158	cm <sup>3</sup> /g	ISO 307
Moisture Content	< 0.10	%	ISO 15512
Relative Viscosity - 1% in 96% Sulfuric Acid <sup>1</sup>	2.62 to 2.83		ISO 307
Black Specks	< 4.00	mm <sup>2</sup> /kg	Internal Method
Pellet Shape	cylindrical		
Pellet Size	2.00 to 2.50	mm	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	260	°C	ISO 3146
NOTE			
1.	calculated by Huggins method		

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Recommended distributors for this material

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