

Ultramid® A27 E

Polyamide 66

BASF Corporation

Message:

Ultramid® A27 E is a polyamide 66 grade for compounding.

General Information			
UL YellowCard	E41871-233726		
Features	Oil Resistant		
Uses	Compounding		
Agency Ratings	BgVV Recommendation X		
	EC 1907/2006 (REACH)		
	EU 2002/72/EC		
	FDA 21 CFR 177.1500		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Density	1.12 to 1.15	g/cm ³	ISO 1183
Apparent Density	0.70	g/cm ³	ISO 60
Water Absorption			ISO 62
Saturation, 23°C	8.5	%	
Equilibrium, 23°C, 50% RH	2.2	%	
Viscosity Number (96% H ₂ SO ₄ (Sulphuric Acid))	142 to 158	cm ³ /g	ISO 307
Moisture Content	< 0.40	%	ISO 15512
Relative Viscosity - 1% in 96% Sulfuric Acid ¹	2.62 to 2.83		ISO 307
Black Specks	< 4.00	mm ² /kg	Internal Method
Pellet Shape	Round		
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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