

BASF Ultramid® A27 E PA66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced

Material Notes:

Description: Ultramid® A27 E is a polyamide 66 grade for compounding. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-A27-E-PA66.php

Physical Properties	Metric	English	Comments
Bulk Density	0.700 g/cc	0.0253 lb/in ³	
Density	1.12 - 1.15 g/cc	0.0405 - 0.0415 lb/in ³	ISO 1183
Water Absorption	8.5 %	8.5 %	saturation in water 23°C
Moisture Absorption at Equilibrium	<= 0.40 %	<= 0.40 %	ISO 15512
	2.2 %	2.2 %	23°C/50% RH
Viscosity Measurement	2.62 - 2.83	2.62 - 2.83	(RV) 1% [m/v] in 96% [m/m] sulfuric acid; ISO 307
	142 - 158	142 - 158	(RV) 0.5% [m/v] in 96% [m/m] sulfuric acid; ISO 307

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	DIN 53765
Decomposition Temperature	>= 300 °C	>= 572 °F	

Descriptive Properties	Value	Comments
Commercial Status	Europe	
Ignition Temperature	>400°C	ASTM D1929

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