

BASF Ultramid® C33 01 PA66/6 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66 , Nylon 66/6, Unreinforced

Material Notes:

Ultramid C33 01 is an intermediate viscosity PA6/66 grade. Its lower melting point than standard PA6 is advantageous for coextrusion with temperature sensitive polymers like EVOH. It conforms to FDA requirements including, 21 CFR 177.1500,EU Directive 2002/72/EC, the German BfR recommendation "X Polyamide", 1.6.1998 or legislations for other countries will be provided on request.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-C33-01-PA666-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	dry; ISO 1183
Water Absorption	10.5 %	10.5 %	beginning dry; ISO 62
Moisture Absorption at Equilibrium	3.2 %	3.2 %	beginning dry (23°C/50% R.H.); ISO 62
Relative Viscosity	3.3 cP	3.3 cP	ISO Test; 96 % SAV
Viscosity Test	195 cm ³ /g	195 cm ³ /g	Viscosity number
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	45.0 MPa	6530 psi	50mm/min; ISO 527
Elongation at Break	>= 50 %	>= 50 %	50mm/min, Nominal strain; ISO 527
Elongation at Yield	20 %	20 %	50mm/min; ISO 527
Tensile Modulus	1.00 GPa	145 ksi	1 mm/min; ISO 527

Thermal Properties	Metric	English	Comments
Melting Point	196 °C	385 °F	10 K/min
	196 °C	385 °F	ASTM Test

Descriptive Properties	Value	Comments
Color	Natural	
Commercial Status	North America and Europe	
FDA	21 CFR 177.1500 (restrictions per 21 CFR .1395)	
Form	Pellets	

Descriptive Properties	Value	Comments
Primary Processing Technique	Film Extrusion	
Processing	Other Extrusion	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China