

BASF Ultramid® C33 LN 0.025 mm Blown Film PA6/66

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

Material Notes:

Description: Ultramid® C33 LN is a copolyamide 6/66 grade of intermediate viscosity for the production of multilayer film. Its lower melting point than standard PA 6 is advantageous for coextrusion with temperature sensitive polymers like EVOH Product supplied in 2-2.5 mm round pellets. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-C33-LN-0025-mm-Blown-Film-PA666.php

Physical Properties	Metric	English	Comments
Bulk Density	0.690 - 0.710 g/cc	0.0249 - 0.0257 lb/in ³	
Density	1.12 g/cc	0.0405 lb/in ³	
Water Absorption	10.5 %	10.5 %	saturation in water 23°C
Moisture Absorption at Equilibrium	3.2 %	3.2 %	23°C/50% RH
Water Vapor Transmission	50.0 g/m ² /day	3.22 g/100 in ² /day	85% RH
Oxygen Transmission Rate	21.0 cc/m ² /day	1.35 cc/100 in ² /day	50% RH
Viscosity Measurement	3.19 - 3.41	3.19 - 3.41	(RV) 1% [m/v] in 96% [m/m] sulfuric acid; ISO 307
	187 - 203	187 - 203	(RV) 0.5% [m/v] in 96% [m/m] sulfuric acid; ISO 307

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	80.0 MPa	11600 psi	TD
	80.0 MPa	11600 psi	MD
Elongation at Break	450 %	450 %	TD
	450 %	450 %	MD
Tensile Modulus	1.40 GPa	203 ksi	MD

Thermal Properties	Metric	English	Comments
Melting Point	195 - 197 °C	383 - 387 °F	ISO 3146
Decomposition Temperature	>= 300 °C	>= 572 °F	

Processing Properties	Metric	English	Comments
Moisture Content	0.080 %	0.080 %	ISO 15512

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Commercial Status		Europe	
Extractables		<0.8 %	ISO 6427
Film Grade		1-3	BASF
Ignition Temperature		>400°C	ASTM D1929
Lubricant		250 - 550 mg/kg	BASF
Nucleating Agent		250 - 550 mg/kg	BASF

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