

BASF Ultramid® C33 PA6/66

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

Material Notes:

Description: Ultramid® C33 is a copolyamide 6/66 grade of intermediate viscosity for the production of multilayer film and monofilaments. Ultramid® C33 is well suited for the production of nonsymmetric blown film with reduced curl. 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-PA666.php

Physical Properties	Metric	English	Comments
Bulk Density	0.690 - 0.710 g/cc	0.0249 - 0.0257 lb/in³	
Density	1.12 g/cc	0.0405 lb/in³	ISO 1183
Water Absorption	10.5 %	10.5 %	Saturation in water 23°C
Moisture Absorption at Equilibrium	3.2 %	3.2 %	23°C/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

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

Descriptive Properties	Value	Comments
Commercial Status	Europe	
Extractables	<0.8 %	ISO 6427
Film Grade	1-3	BASF
Ignition Temperature	>400°C	ASTM D1929

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