

Ultramid® C33

Polyamide 66/6 Copolymer

BASF Corporation

Message:

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.

General Information	
Features	Medium Viscosity
Uses	Film
	Monofilaments
	Multilayer Film
Agency Ratings	EC 1907/2006 (REACH)
	EU 2002/72/EC
	FDA 21 CFR 177.1500
RoHS Compliance	RoHS Compliant
Processing Method	Blown Film
	Coextrusion
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Apparent Density	0.78	g/cm ³	
Water Absorption			
Saturation, 23°C	11	%	
Equilibrium, 23°C, 50% RH	3.2	%	
Viscosity Number	187 to 203	cm ³ /g	ISO 307
Extractables ¹	< 0.8	%	ISO 6427
Moisture Content	< 0.080	%	ISO 15512
Relative Viscosity - 1% in 96% Sulfuric Acid	3.19 to 3.41		ISO 307
Film Grade	1.00 to 3.00		Internal Method
Pellet Shape	Round		
Pellet Size	2.00 to 2.50	mm	

Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	195 to 197	°C	ISO 3146

NOTE

1. chips not ground, 16 hr

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

