

Ultramid® B 33 L

Polyamide 6

BASF Corporation

Product Description

Ultramid® B33 L is a lubricated polyamide 6 grade of intermediate viscosity that is well suited for the production of biaxial oriented and cast film and monofilaments.

General

Material Status	• Commercial: Active		
Availability	• Europe		
Additive	• Lubricant (0.050%)		
Features	• Lubricated	• Medium Viscosity	• Oil Resistant
Uses	• Bi-axially Oriented Film • Cast Film	• Film • Monofilaments	
Agency Ratings	• EU 2002/72/EC	• FDA 21 CFR 177.1500	
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		
Processing Method	• Cast Film		

Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Apparent Density	0.78	g/cm ³	ISO 60
Water Absorption			ISO 62
Saturation, 23°C	9.5	%	
Equilibrium, 23°C, 50% RH	2.6	%	
Viscosity Number (H ₂ SO ₄ (Sulphuric Acid))	187 to 203	cm ³ /g	ISO 307

Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	220	°C	ISO 3146

Additional Information

Density, ISO 1183: 1.12 to 1.15 g/cm³
Extractables, ISO 6427, chips not ground/16h: 0.5%
Film Grade, BASF Method: 1 to 3 mm²/kg
Lubricant, BASF Method: 350 to 650 mg/kg
Moisture Content, ISO 15512: 0.06%
Pellet Shape: Round
Pellet Size: 2 to 2.5 mm
Relative Viscosity, 1% (m/v) in 96% (m/m) sulfuric acid, ISO 307: 3.19 to 3.41

Notes

¹ Typical properties: these are not to be construed as specifications.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

如需要更多物性资料请查阅 www.kedisujiao.com

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