

Ultramid® B33 01

Polyamide 6

BASF Corporation

Message:

Ultramid B33 01 is an intermediate viscosity. PA6 grade. 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.

Applications

Typical applications include production of biaxial oriented and cast film and monofilaments.

General Information			
UL YellowCard	E36632-531639		
Features	Food Contact Acceptable		
	Medium Viscosity		
	Oil Resistant		
Uses	Bi-axially Oriented Film		
	Cast Film		
	Monofilaments		
Agency Ratings	BfR Food Contact, Unspecified Rating		
	EC 1907/2006 (REACH)		
	EU 2002/72/EC		
	FDA 21 CFR 177.1500		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Cast Film		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Apparent Density	0.70	g/cm ³	
Water Absorption			ISO 62
Saturation, 23°C	9.5	%	
Equilibrium, 23°C, 50% RH	2.6	%	
Viscosity Number (96% H ₂ SO ₄ (Sulphuric Acid))	195	cm ³ /g	ISO 307
Moisture Content	< 0.10	%	ISO 15512
Relative Viscosity - 1% in 96% Sulfuric Acid	3.30		ISO 307
Pellet Shape	cylindrical		
Pellet Size	2.00 to 2.50	mm	

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

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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

