

Ultramid® B40LN 01

Polyamide 6

BASF Corporation

Message:

Ultramid B40LN 01 is a high viscosity, PA6 grade. Clarity and thermoformability are enhanced by the incorporation of nucleating and slip agent. 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 blown and cast film and monofilament.

General Information			
Additive	Nucleating Agent		
	Slip		
Features	High Viscosity		
	Nucleated		
	Oil Resistant		
	Slip		
Uses	Cast Film		
	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	Blown Film		
	Cast Film		
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% H2SO4 (Sulphuric Acid))	250	cm ³ /g	ISO 307
Moisture Content	< 0.10	%	ISO 15512

Relative Viscosity - 1% in 96% Sulfuric Acid	4.00		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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