

Ultramid® B 36 LN 01

Polyamide 6

BASF Corporation

Product Description

Ultramid B 36 LN 01 is a PA6 grade intermediate to high viscosity that is well suited for the production of cast and blown film. Clarity and thermoformability are enhanced by the incorporation of nucleating and slip agent.

General

Material Status	• Commercial: Active
Availability	• Europe • North America
Additive	• Nucleating Agent (0.040%) • Slip (0.040%)
Features	• Medium-high Viscosity • Oil Resistant • Nucleated • Slip
Uses	• Cast Film • Film
Agency Ratings	• EU 2002/72/EC • FDA 21 CFR 177.1500
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Blown Film • Cast Film • Thermoforming

Physical	Nominal Value	Unit	Test Method
Density	1.12 to 1.15	g/cm ³	ISO 1183
Apparent Density	0.70	g/cm ³	ISO 60
Water Absorption			ISO 62 ²
Saturation	9.5	%	
Equilibrium	2.6	%	
Viscosity Number (96% H ₂ SO ₄)	218	cm ³ /g	ISO 307

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

Additional Information	Nominal Value	Unit	Test Method
Moisture Content	0.060	%	ISO 15512
Pellet Shape	cylindrical		
Pellet Size	2.00 to 2.50	mm	
Relative Viscosity (1% in 96% Sulfuric Acid)	3.49 to 3.71		ISO 307

Notes

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

² Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

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