

Ultramid® B40 L 01

Polyamide 6

BASF Corporation

Message:

Ultramid B40 L 01 is a lubricated high viscosity, PA6 grade that is well suited for the production of blown and cast film and monofilaments.

General Information	
Additive	Lubricant
Features	Oil resistance
	Lubrication
	Viscosity, High
Uses	Blown Film
	monofilament
	cast film
Agency Ratings	EC 1907/2006 (REACH)
RoHS Compliance	RoHS compliance
Forms	Particle
Processing Method	Blow film
	cast film

Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm³	ISO 1183
Apparent Density	0.70	g/cm³	
Water Absorption			ISO 62
Saturated, 23°C	9.5	%	ISO 62
Equilibrium, 23°C, 50% RH	2.6	%	ISO 62
Viscosity Number (96% H2SO4)	250	cm³/g	ISO 307
Moisture Content		%	ISO 15512
Relative viscosity-1% in 96% Sulfuric Acid	3.89 - 4.17		ISO 307
Pellet Shape	Cylindrical		
Pellet Size	2.00 - 2.50	mm	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	220	°C	ISO 3146

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