

# Ultramid® C40 L 01

Polyamide 66/6 Copolymer

BASF Corporation

## Message:

Ultramid C40 L 01 is a lubricated copolymer PA6/66 grade of high viscosity for the production of monofilaments and blown film. Ultramid C40 L 01 is well suited for the production of high transparency, nonsymetric blown film with reduced curl. It's very low melting point compared to standard PA6 is advantageous for coextrusion with temperature sensitive polymers like EVOH.

General Information	
Additive	Lubricant
Features	Copolymer
	High Clarity
	High Viscosity
	Lubricated
Uses	Film
	Monofilaments
Agency Ratings	EC 1907/2006 (REACH)
RoHS Compliance	RoHS Compliant
Forms	Pellets
Processing Method	Blown Film
	Coextrusion

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm <sup>3</sup>	ISO 1183
Apparent Density	0.70	g/cm <sup>3</sup>	
Water Absorption			ISO 62
Saturation, 23°C	11	%	
Equilibrium, 23°C, 50% RH	3.2	%	
Viscosity Number (96% H2SO4 (Sulphuric Acid))	250	cm <sup>3</sup> /g	ISO 307
Moisture Content	< 0.080	%	ISO 15512
Relative Viscosity - 1% in 96% Sulfuric Acid	3.89 to 4.17		ISO 307
Pellet Shape	cylindrical		
Pellet Size	2.00 to 2.50	mm	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	193	°C	ISO 3146

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