

# Ultramid® C 40 L 01

## Polyamide 66/6 Copolymer

### BASF Corporation

#### Product Description

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

Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Additive	• Lubricant		
Features	• High Clarity	• High Viscosity	• Lubricated
Uses	• Film	• Monofilaments	
Agency Ratings	• EU 2002/72/EC		
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>	ISO 60
Water Absorption			ISO 62
Saturation, 23°C	11	%	
Equilibrium, 23°C, 50% RH	3.2	%	
Viscosity Number (96% H <sub>2</sub> SO <sub>4</sub> )	250	cm <sup>3</sup> /g	ISO 307

Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	193	°C	ISO 3146

Additional Information	Nominal Value	Unit	Test Method
Moisture Content	< 0.080	%	ISO 15512
Pellet Shape	cylindrical		
Pellet Size	2.00 to 2.50 mm		
Relative Viscosity (1% in 96% Sulfuric Acid)	3.89 to 4.17		ISO 307

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

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