

# Ultramid® C40LX 01

Polyamide 66/6 Copolymer

BASF Corporation

## Message:

Ultramid C40LX 01 is a high viscosity, copolymer PA6/66 grade. Improved transparency and gloss are enhanced by the incorporation of a high dose of lubricant. 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 monofilaments.

General Information			
Additive	Lubricant		
Features	Copolymer		
	Food Contact Acceptable		
	High Viscosity		
	Lubricated		
Uses	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		
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	4.00		ISO 307
Pellet Shape	cylindrical		
Pellet Size	2.00 to 2.50	mm	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	190	°C	ISO 3146

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