

# Ultramid® C33 LN

Polyamide 66/6 Copolymer

BASF Corporation

Message:

Ultramid® C33 LN is a copolyamide 6/66 grade of intermediate viscosity for the production of multilayer film. Its lower melting point than standard PA 6 is advantageous for coextrusion with temperature sensitive polymers like EVOH.

General Information			
Additive	Lubricant		
	Nucleating Agent		
Features	Lubricated		
	Medium Viscosity		
	Nucleated		
Uses	Film		
	Multilayer Film		
Agency Ratings	EC 1907/2006 (REACH)		
	EU 2002/72/EC		
	FDA 21 CFR 177.1500		
RoHS Compliance	RoHS Compliant		
Processing Method	Coextrusion		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm <sup>3</sup>	ISO 1183
Apparent Density	0.78	g/cm <sup>3</sup>	
Water Absorption			
Saturation, 23°C	11	%	
Equilibrium, 23°C, 50% RH	3.2	%	
Viscosity Number	187 to 203	cm <sup>3</sup> /g	ISO 307
Extractables <sup>1</sup>	< 0.8	%	ISO 6427
Moisture Content	< 0.080	%	ISO 15512
Relative Viscosity - 1% in 96% Sulfuric Acid	3.19 to 3.41		ISO 307
Film Grade	1.00 to 3.00		Internal Method
Lubricant	250 to 550	mg/kg	Internal Method
Nucleating Agent	250 to 550	mg/kg	
Pellet Shape	Round		

Pellet Size	2.00 to 2.50	mm	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	195 to 197	°C	ISO 3146
NOTE			
1.	chips not ground, 16 hr		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
 Phone: +86 13424755533  
 Email: sales@su-jiao.com  
 No. 215, Lianhe North Road, Fengxian District, Shanghai, China

