

Lanxess Durethan® C 38 FKAM 000000 Copolyamide

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Copolyamide, film quality, high transparency, nucleated, high slip and lubricant content, medium-viscosity, good antiblock and dynamic slip properties
Application Examples: blown film coextrusion (outer layer)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lanxess-Durethan-C-38-FKAM-000000-Copolyamide.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ISO 1183
Water Absorption	10 %	10 %	Test Sim. to ISO 62
Moisture Absorption at Equilibrium	3.0 %	3.0 %	23 ^o C/50% R.H.; Test Sim. to ISO 62
Viscosity Test	190 cm ³ /g	190 cm ³ /g	Viscosity number; ISO 307, 1157, 1628
Melt Flow	6 g/10 min @Load 2.16 kg, Temperature 235 ^o C	6 g/10 min @Load 4.76 lb, Temperature 455 ^o F	Estimated using room temperature density; ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	212 ^o C	414 ^o F	10 ^o C/min; ISO 11357-1/-3

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 ohm-cm	Conditioned; IEC 60093
Surface Resistance	1.00e+11 ohm	1.00e+11 ohm	IEC 60093
Dielectric Constant	3.0 @Frequency 1.00e+6 Hz	3.0 @Frequency 1.00e+6 Hz	Conditioned; IEC 60250
Dielectric Strength	30.0 kV/mm	762 kV/in	Conditioned; IEC 60243-1

Descriptive Properties	Value	Comments
Form	Pellets	
ISO Shortname	ISO 1874-PA 6/IPDI,FS,18-020N	
Processing	Film extrusion	
Region	Asia Pacific	

Descriptive Properties	Europe Value	Comments
	Near East/Africa	
	North America	
	South and Central America	

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