

BASF Ultramid® C40 LN 07 0.04 mm Blown Film Cold Air

Category : Polymer , Film , Thermoplastic , Nylon

Material Notes:

Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-C40-LN-07-004-mm-Blown-Film-Cold-Air.php

Physical Properties	Metric	English	Comments
Density	1.12 - 1.15 g/cc	0.0405 - 0.0415 lb/in ³	
Water Vapor Transmission	25.0 g/m ² /day	1.61 g/100 in ² /day	85% RH
Oxygen Transmission Rate	14.0 cc/m ² /day	0.902 cc/100 in ² /day	50% RH

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	TD
	70.0 MPa	10200 psi	MD
Elongation at Break	475 %	475 %	MD
	480 %	480 %	TD
Tensile Modulus	0.600 GPa	87.0 ksi	TD
	0.600 GPa	87.0 ksi	MD

Thermal Properties	Metric	English	Comments
Melting Point	189 °C	372 °F	

Descriptive Properties	Value	Comments
Commercial Status	Europe	
Film Grade	1-3	BASF
Lubricant	250 - 550 mg/kg	BASF

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