NOVAPOL® LF-0222-F

Low Density Polyethylene

NOVA Chemicals

Message:

NOVAPOL® LF-0222-F is a Low Density Polyethylene material. It is available in North America for blown film. Important attributes of NOVAPOL® LF-0222-F are: Clarity Food Contact Acceptable Good Processability Homopolymer Typical applications include: Film Food Contact Applications Packaging

Food Contact Acceptable Good Processability High Clarity High Clarity High Clarity Homopolymer Low Density Developmer Uses FIM Packaging FDA 21 CFR 177.1520(c) 2.2 Agency Ratings FDA 21 CFR 177.1520(c) 2.2 Processing Method Blown Film Physical Norminal Value Unit Specific Gravity 0.922 gr/0 min ASTM D792 Methanical Nominal Value Unit Test Method Coefficient of Friction (Blown Film 2.2 gr/10 min ASTM D1238 Films Nominal Value Unit Test Method Coefficient of Friction (Blown Film) > 0.50 Test Method Films Nominal Value Unit Test Method Coefficient of Friction (Blown Film) > 0.50 Test Method Films Nominal Value Unit Test Method Films Nominal Value Unit Test Method Secant, MD: 38 µm, Blown Film 100 MPa Test Method 1% Secant, MD: 38 µm, Blown Film 110 MPa	General Information			
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	TD : Yield,38 µm, Blown Film	11.0	MPa	
TD : Break, 38 µm,Blown Film 18.0 MPa	MD : Break, 38 µm,Blown Film	21.0	MPa	
	TD : Break, 38 µm,Blown Film	18.0	MPa	

Tensile Elongation MD : Break, 38 μm,Blown Film 400 % TD : Break, 38 μm,Blown Film 560 %	ASTM D882
TD : Break, 38 µm,Blown Film 560 %	
Dart Drop Impact (38 µm, Blown Film) 120 g	ASTM D1709A
Elmendorf Tear Strength	ASTM D1922
MD : 38 μm, Blown Film 230 g	
TD : 38 μm, Blown Film 270 g	
Optical Nominal Value Unit	Test Method
Gloss (45°, 38.0 μm, Blown Film) 79	ASTM D2457
Haze (38.0 μm, Blown Film) 5.0 %	ASTM D1003

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