

NOVA Chemicals Sclair® 69A HDPE Extrusion Resin (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Extruded

Material Notes:

Features: High tensile strength, better moisture barrier, better oil and solvent resistance, lower friction coefficient, lower brittleness temperature, better abrasion resistance, better temperature resistance. Applications: Paper, polymer films, woven scrim. Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Sclair-69A-HDPE-Extrusion-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.962 g/cc	0.0348 lb/in ³	ASTM D792
Environmental Stress Crack Resistance	<= 10 hour	<= 10 hour	F50, Condition A, ASTM D1693, 100% Igepal
Melt Flow	13 g/10 min @Load 2.16 kg, Temperature 190 °C	13 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Elongation at Break	800 %	800 %	ASTM D638
Flexural Modulus	1.28 GPa	186 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	129 °C	264 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	304 - 321 °C	579 - 610 °F	

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