

NOVA Chemicals Novapol® PI-2024-A LLDPE Masterbatch Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE

Material Notes:

Molded Plaque Properties. Features: easy processing, good ESCR and moldability. Applications: housewares, trash cans, industrial containers, toys. Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Novapol-PI-2024-A-LLDPE-Masterbatch-Resin.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	ASTM D792
Environmental Stress Crack Resistance	150 hour	150 hour	F50, Condition A, ASTM D1693, 100% Igepal
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 190 °C	20 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	12.0 MPa	1740 psi	ASTM D638
Elongation at Break	300 %	300 %	ASTM D638
Modulus of Elasticity	0.310 GPa	45.0 ksi	Secant; ASTM D638

Processing Properties	Metric	English	Comments
Melt Temperature	160 - 230 °C	320 - 446 °F	

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