

NOVA Chemicals Novapol® HB-L455-A HDPE Blow Molding Resin (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

Molded Plaque Properties. Features: excellent processability on high speed, multiple-head blow molding lines, good balance of physical and molding properties. Applications: chemical bottles, toys. Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Novapol-HB-L455-A-HDPE-Blow-Molding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.955 g/cc	0.0345 lb/in ³	ASTM D792
Environmental Stress Crack Resistance	25 hour	25 hour	F50, Condition A, ASTM D1693, 100% Igepal
Melt Flow	0.40 g/10 min @Load 2.16 kg, Temperature 190 °C	0.40 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D638
Elongation at Break	800 %	800 %	ASTM D638
Flexural Modulus	1.22 GPa	177 ksi	ASTM D790
Izod Impact, Notched	2.10 J/cm	3.93 ft-lb/in	Notched/Unnotched not specified; ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	160 - 205 °C	320 - 401 °F	

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