

NOVAPOL® HB-L354-A

High Density Polyethylene

NOVA Chemicals

Message:

NOVAPOL® HB-L354-A is a High Density Polyethylene material. It is available in North America for blow molding.

Important attributes of NOVAPOL® HB-L354-A are:

- Food Contact Acceptable
- Good Processability
- Good Toughness
- Stabilized
- Typical applications include:
 - Automotive
 - Bottles
 - Consumer Goods
 - Food Contact Applications
 - Household Applications

General Information			
UL YellowCard	E146584-223443		
Additive	Processing Stabilizer		
Features	Food Contact Acceptable		
	Good Processability		
	Good Toughness		
	High Density		
Uses	Automotive Applications		
	Bottles		
	Household Goods		
	Industrial Applications		
	Pharmaceuticals		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.955	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, F50)	48.0	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.0	MPa	ASTM D638
Tensile Elongation (Break)	900	%	ASTM D638

Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	270	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ASTM D1525

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Recommended distributors for this material

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