

Chemical Resources HD03954

High Density Polyethylene

Chemical Resources, Inc.

Message:

HD03954 meets the requirements of the FDA regulation 21CFR 177.1520
It is suitable for Blow molding and Sheet Extrusion

General Information			
Features	Food Contact Acceptable		
Uses	Blow Molding Applications		
	Sheet		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow Molding		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.6	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1250	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	75.0	°C	ASTM D648

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Recommended distributors for this material

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