

Chemical Resources HD3954ST

High Density Polyethylene

Chemical Resources, Inc.

Message:

HD3954ST is a lubricated high density polyethylene resin suitable for Blow Molding. It meets the requirements of the Food and Drug Administration regulation 21 CFR 177.1520.

General Information			
Additive	Lubricant		
Features	Food Contact Acceptable		
	Lubricated		
Uses	Blow Molding Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.38	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	1210	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	127	°C	ASTM D1525

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Recommended distributors for this material

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