

PRODUCT DATA SHEET

HDPE H35952 High Density Polyethylene

Recommended Applications

Chemical, bleach, and detergent containers, molded or formed industrial housings, shrouds, and tanks.

Description

This resin is recommended for applications requiring greater stiffness and stress crack resistance properties. It is suitable as a blow molding resin or sheet extrusion thermoforming resin.

Processing

Blow molding and sheet extrusion forming

Property	Value	Unit	Test Method
Melt Index (condition 190°C/2.16 kg)	.35	g/10min	D 1238
Density	.952	g/cc	D 1505
Environmental Stress Crack Resistance Condition A, F50 (100% Igepal)	50	h	D 1693
Environmental Stress Crack Resistance Condition B, F50	50	h	D 1693
Tensile Yield Strength, 2" (50 mm) per min.	3900	psi	D 638
Ultimate Elongation, 2" (50 mm) per min.	>600	%	D 638
Brittleness Temperature	<-180	°F	D 746
Flexural Modulus	190000	psi	D 790

FDA

This resin complies with FDA 21 CFR 177.1520. For more information contact Product Regulatory Compliance.

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility.