HDPE M6952

High Density Polyethylene

StarResin

Overview

HDPE M6952 has very narrow molecular weight, excellent impact strength, excellent processability, and excellent stress crack resistance.

Applications

- Industrial Parts
- Pails & Lids
- Shipping Containers
- Automotive Parts

Property	Value	Unit	ASTM
Melt index (condition 190°C/2.16 kg)	6	g/10 min	D 1238
Density (g/cm³)	0.952	g/cm³	D 792
Tensile at Yield	4100	psi	D638
Elongation at Break	1050	%	D638
Flexural Modulus	155,000	psi	D790
ESCR, Condition B, F50	12	hours	D1693
Brittleness Temperature, F50	<- 105	°F	D746
Durometer Hardness	62	Shore D	D2240
Vicat Softening Point	262	°F	D1525

Regulatory - This material complies with FDA regulations in 21 CFR, section 177.1520.

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. User must make their own decisions regarding its suitability for their equipment and final products.