HDPE M7960

High Density Polyethylene

StarResin

Overview

HDPE M6952 has good stiffness, excellent impact strength, enhanced flow, and is recyclable.

Applications

- Crates
- Shipping Containers
- Structural Foam
- Totes

Property	Value	Unit	ASTM
Melt index (condition 190°C/2.16 kg)	7	g/10 min	D 1238
Density (g/cm³)	0.960	g/cm³	D 792
Flexural Modulus	189,000	psi	D790
Tensile Strength at Yield	4200	psi	D638
Elongation at Break	380	%	D638
ESCR, Condition B, F50	>10	hours	D1693
Brittleness Temperature, F50	<- 105	°F	D746
Durometer Hardness	70	Shore D	D2240
Vicat Softening Point	261	°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.