

HDPE M7960

High Density Polyethylene



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 230°C/2.16 kg)	7	g/10 min	D 1238
Density (g/cm ³)	0.960	g/cm ³	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.