HDPE M20953

High Density Polyethylene

StarResin

Overview

Goods stiffness, good impact strenght, enhanced flow, recyclable.

Applications

- Storage containers
- Caps and closures
- Housewares
- Toys

Property	Value	Unit	ASTM
Melt index (condition 190°C/2.16 kg)	20	g/10 min	D 1238
Density (g/cm³)	0.953	g/cm³	D 792
Tensile Strength at Yield	3900	psi	D638
Elongation at Break	280	%	D638
Flexural Modulus	175000	psi	D790
ESCR, Condition B, F50	>10	h	D1693
Brittleness Temperature	< -105	°F	D746
Hardness, Shore D	63		D22240
Vicat Softening Point	254	°F	D1525

FDA Status: 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.