

PRODUCT DATA SHEET

HDPE M4952 High Density Polyethylene

Injection Molding

Applications

- Industrial Parts
- Pails & Lids
- Shipping Containers
- Cast Film Extrusion

Characteristics

- Very Narrow Molecular Weight
- Excellent Impact Strength
- Excellent Processability
- Excellent Stress Crack Resistance

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

Property	Value	Unit	Method
Melt Index, MI ₂	4.0	gm/10 min	ASTM D1238
Density	0.952	gm/cc	ASTM D1505
Tensile at Yield	3850	psi	ASTM D638
Elongation at Break	1050	%	ASTM D638
Flexural Modulus	150000	psi	ASTM D790
ESCR, Condition B, F ₅₀	22.0	hours	ASTM D1693
Brittleness Temperature, F ₅₀	< -105	°F	ASTM D746
Durometer Hardness	57	Shore D	ASTM D2240
Vicat Softening Point	261	°F	ASTM 1525

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 own equipment and final products.

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