

HD8960

HDPE

Technical Data Sheet

Injection Molding Resin

Applications

- Crates
- Bins
- Structural Foam
- Totes

Properties

- Good Stiffness
- Excellent Impact Strength
- Enhanced Flow
- Recyclable

PROPERTIES	VALUE	METHOD
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Melt Index, 190/2.16 (gm/10 min)	8.0	ASTM D1238
Density (gm/cc)	0.960	ASTM D1505
Tensile at Yield (psi)	4200	ASTM D638
Elongation at Break (%)	380	ASTM D638
Flexural Modulus (psi)	189000	ASTM D790
ESCR, Condition B, F ₅₀ (hours)	> 10	ASTM D1693
Brittleness Temperature, F ₅₀ (°F)	< -105	ASTM D746
Hardness, Shore D	70	ASTM D2240
Vict Softening Temp. ⁽²⁾	261	ASTM D1525

FDA

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

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