

Injection Molding

Applications

- Crates
- Tote Boxes
- Structural Foam

Characteristics

- Excellent Stiffness
- Good Impact Strength
- Good Durability and Recyclability
- Moderate Flow

Regulatory: This material complies with FDA regulations in 21 CFR, section 177.1520 (c)

Property	Value	Unit	Method
Melt Index, MI ₂	6.0	g/10min	D 1238
Density	0.962	g/cm ³	D 1505
Flexural Modulus, 1% Secant	230000	psi	D 790
Tensile Strength at Yield	4700	psi	D 638
Elongation at Yield	8	%	D 638
Elongation at Break	> 900	%	D 638
ESCR, Condition B, F ₅₀	15	hours	D 1693
Notched Izod Impact	0.6	ft-lbf/in	D 256
High Speed Impact Peak Energy	15	ft-lbf	D 3763
High Speed Impact Total Energy	23	ft-lbf	D 3763
Brittleness Temperature, F ₅₀	< -103	°F	D 746
Durometer Hardness	66	Shore D	D 2240
Vicat Softening Point	261	°F	D 1525
Heat Deflection Temperature	189	°F	D 648

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.

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