

Injection Molding

Applications

- Carbonated bottle caps
- Caps and closures
- Sparkling water caps
- Juice and tea bottle caps

Characteristics

- Good environmental stress crack resistance
- Good mechanical property
- Good organoleptic property
- Contains slip for opening torque

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

Property	Value	Unit	Method
Melt Index MI ₂	2.0	g/10min	D 1238
Density	0.954	g/cm ³	D 1505
Tensile Strength at Yield	260	kg/cm ²	D 638
Tensile Strength at Break	350	kg/cm ²	D 638
Elongation at Break	1200	%	D 638
Flexural Modulus	11000	kg/cm ²	D 790
Notched Izod Impact	8	kg.cm/cm	D 256
ESCR, Condition B, F ₅₀	20	hours	D 1693
Hardness, Shore D	64		D 2240
Melting Point	131	°C	D 2117
Heat Deflection Temperature	78	°C	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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