

HD7962

Technical Data Sheet

HDPE

Blow Molding Resin

Applications

- Dairy Bottles
- Liquid Food Packaging
- Water Bottles
- Profile Extrusion

Properties

- Phillips Process®
- Excellent Stiffness
- Low Taste and Odor
- Good Rigidity

PROPERTIES

VALUE

METHOD

PROPERTIES	VALUE	METHOD
Melt Index, 190/2.16 (gm/10 min)	0.7	ASTM D1238
Density (gm/cc)	0.962	ASTM D1505
Tensile at Yield (psi)	4600	ASTM D638
Elongation at Break (%)	> 350	ASTM D638
Flexural Modulus (psi)	230000	ASTM D790
ESCR, Condition B, F ₅₀ (hours)	15	ASTM D1693
Brittleness Temperature, F ₅₀ (°F)	< -103	ASTM D746
Hardness, Shore D	69	ASTM D2240

FDA

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

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