

HD7953

Technical Data Sheet

Applications

- Industrial Pails
- Pail Lids
- Shipping Containers
- Automotive Parts

HDPE

Injection Molding Resin

Properties

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

PROPERTIES

VALUE

METHOD

PROPERTIES	VALUE	METHOD
Melt Index, 190/2.16 (gm/10 min)	7.0	ASTM D1238
Density (gm/cc)	0.953	ASTM D1505
Tensile at Yield (psi)	4150	ASTM D638
Elongation at Break (%)	1000	ASTM D638
Flexural Modulus (psi)	187000	ASTM D790
ESCR, Condition B, F ₅₀ (hours)	20	ASTM D1693
Brittleness Temperature, F ₅₀ (°F)	< -104	ASTM D746
Hardness, Shore D	70	ASTM D2240
Vict Softening Temp. ⁽²⁾	257	ASTM D1525

FDA

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

