

TRICOLENE[®] HDB03954A

HIGH DENSITY POLYETHYLENE RESIN

Product Description

- Hexene copolymer
- Excellent stiffness
- High ESCR

Additives

Thermal stabilizer: Yes
Antistatic: Yes

Typical applications:

- Food packaging
- Household and industrial chemical containers
- Pharmaceutical packaging
- Thermoformed parts
- Drainage pipes
- Thin gauge sheets
- Pharmaceutical packaging
- Thermoformed parts

Physical	Nominal Value (ENG)	Nominal Value (SI)	Test Method
Density	0.954 g/cm ³	0.954 g/cm ³	ASTM D4883
Melt Flow Rate	0.30 g/10 min	0.30 g/10 min	ASTM D1238
Mechanical	Nominal Value (ENG)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	4100 psi	28 MPa	ASTM D638
Flexural Modulus	190,000 psi	1,300 MPa	ASTM D790
Environmental Stress Crack Resistance*	30 hr	30 hr	ASTM D1693
Tensile Impact Strength	90 ft·lb/in ²	190 kJ/m ²	ASTM D1822
Thermal	Nominal Value (ENG)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	261 °F	127 °C	ASTM D1525
Brittleness Temperature	< -105 °F	< -76 °C	ASTM D746

*100% Igepal