

TRICOLENE® HDB5502N

High Density Polyethylene Resin

Tricolene HDB5502N is a high density polyethylene hexene copolymer designed for blow molding applications. HDB5502N offers good processability, excellent stiffness and stress cracking resistance, and is FDA approved.

TYPICAL RESIN, THERMAL, MOLDED & IMPACT PROPERTIES

PROPERTY	TYPICAL VALUE	UNIT	TEST METHOD
Density	0.945	g/cm ³	ASTM D4883
Melt Index (190°C/2.16 kg)	0.35	g/10 min	ASTM D1238
Brittleness Temperature	<-105	°F	ASTM D746
Vicat Softening Temperature	250	°F	ASTM D1525
Tensile Strength at Yield	3500	psi	ASTM D638
Flexural Modulus	150000	psi	ASTM D790
Enironmental Stress-Crack Resistance (100% Igepal)	>1000	hr	ASTM D1693
Tensile Impact Strength	110	ft-lb/in ²	ASTM D1822

*Typical values, not to be taken as specification.

Applications: **Household & Industrial Chemicals** **Pharmaceutical** **Food Packaging**

TRICON ENERGY LTD

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