

# TRICOLENE® HDB03954

High Density Polyethylene Resin

Tricolene HDB03954 can be utilized as a general-purpose blow molding resin. It is designed for applications which require excellent stiffness and stress crack resistance properties.

## TYPICAL PHYSICAL & FILM PROPERTIES

PROPERTY	Nominal Value (ENG)	Nominal Value (SI)	TEST METHOD
Density	0.954 g/cm <sup>3</sup>	0.954 g/cm <sup>3</sup>	ASTM D4883
Melt Flow Rate	.30 g/10 min	0.30 g/10min	ASTM D1238
Tensile Strength (Yield)	4100 psi	28MPa	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 <sup>2</sup>	190 kJ/m <sup>2</sup>	ASTM D1822
Vicat Softening Temperature	261 °F	127°C	ASTM D1525
Brittleness Temperature	<-105°F	<-76°C	ASTM D746

\*Typical values, not to be taken as specification.

**Applications: Pharmaceutical Packaging    Personal Care Products    Bleach and Detergents    Industrial Chemicals & Parts**

**Additive: No Antistatic**

## TRICON ENERGY LTD

777 POST OAK BLVD, STE 550, HOUSTON, TEXAS 77056, USA  
Tel : +1 713 963 0066 Fax : +1 713 985 9160 [www.triconenergy.com](http://www.triconenergy.com)