

## HDPE EMERAUDE HB0354E Series

### Product Description

HB0354E is a high density polyethylene blow molding grade. It provides good stiffness and high stress crack resistance.

HB0354E	With antistatic additive
HB0354ES	Without antistatic additive

### Typical Applications

Blow molding application for Food packaging, Pharmaceutical packaging, household and industrial containers.

### Technical properties

General properties and typical values	English	SI	Test Method
Density	0.954 g/cm <sup>3</sup>	0.954 g/cm <sup>3</sup>	ASTM D4883
Melt Index, 190° C/2.16 kg	0.30 g/10 min	0.30 g/10 min	ASTM D1238
Tensile Strength at Yield	4100 psi	28 MPa	ASTM D638
Flexural Modulus	190000 psi	1300 MPa	ASTM D790
ESCR 100% Igepal	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

The nominal properties reported herein are typical of the product, but do not reflect normal testing variance and therefore should not be used for specification purposes. Values are rounded.

### Storage and handling

Emeraude HDPE HB0354E resin is considered stable under normal ambient and anticipated storage and handling conditions. This material should be stored in a dry cool place with adequate ventilation and protected from UV-light at temperature below 50°C. Please refer to our Material Safety Data Sheet to get additional information.

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