

HDPE B035954GP

High Density Polyethylene – Gas Phase



Overview

HDPE B035954GP is a high density polyethylene, gas phase blow molding resin. It features an excellent balance of physical and molding properties.

Applications

- Industrial chemical bottles
- Household chemical bottles
- Automotive fluid bottles
- Toys
- Pharmaceutical bottles

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	0.35	g/10 min	D 1238
Density (g/cm ³)	0.954	g/cm ³	D 792
Vicat Softening Temperature	257	°F	D1525
Tensile Strength (Yield)	3950	psi	D638
Elongation (Break)	950	%	D638
Flexural Modulus	165,000	psi	D790
ESCR, Condition B (F50, 100% Igepal)	70	h	D1693