

**MELT - 0.35**

**DENSITY - 0.954**

**HGB-0354** is a certified prime Gas Phase blow molding copolymer designed to meet end use requirements of containers for packaging of household industrial chemicals. Recommended processing temperature is 160 to 180°C with mold at 10 to 30°C.

### Features:

- Medium swell
- Easy & consistent processability either in conventional continuous or intermittent extrusion equipment
- Excellent ESCR, Impact strength & stiffness

### Typical Applications:

- Medium size containers for detergents, bleach, antifreeze, motor oil & ice chests

PROPERTIES	ASTM	UNIT	VALUES
<b>PHYSICAL</b>			
Density	D1505	g/cm <sup>3</sup>	0.954
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	0.35
Env. Stress Cracking Resistance (Comp. Mold, F50)	D1693	hr	50
Tensile Strength (Yield) Comp. Mold	D638	psi	3900
Tensile Elongation (Break) Comp. Mold	D638	%	700
Flexural Modulus - 1% Secant Comp. Mold	D790	psi	170k
Tensile Impact Strength	D1822	ft-lb/in <sup>2</sup>	98.0
Brittleness Temperature	D746	°F	-130
Vicat Softening Temperature	D1525	°F	261
HDT Under Load (66 psi Unannealed)	D648	°F	165