

Producer: JG SUMMIT PETROCHEMICAL / PHILIPPINES

## HDPE HB33531

### Typical Applications

- Household, Industrial and Chemical Bottles
- 0.2 - 16 liter containers

### Special Features

- Good ESCR
- Short cycle time
- Rigid
- Meets FDA 21CFR177.1520

PROPERTY	TEST	SI VALUES	METRIC VALUES
Flow Index ( 190°C / 21.6 kg ) <sup>1</sup>	D1238	33 g/10min	33 g/10min
Melt Index ( 190°C / 2.16kg )	D1238	0.39 g/10min	0.39 g/10min
Density	D1505	953 kg/m <sup>3</sup>	0.953 g/cm <sup>3</sup>
Tensile Strength @ Yield, 50 mm/min	D638	25 MPa	255 kg/cm <sup>2</sup>
Elongation @ Break, 50 mm/min	D638	>500 %	>500 %
Tensile Modulus, 1% Secant, 5 mm/min	D638	800 MPa	8160 kg/cm <sup>2</sup>
ESCR, F <sub>50</sub> <sup>^</sup>	D1693	50 hrs	50 hrs

\* Tested according to D1248, except that injection molded Type I specimens are used.

<sup>^</sup> Bent strip test, 100% Igepal, 1.9mm specimens, unslit, 100°C

<sup>1</sup> Product is controlled by Flow Index. Melt Index is estimated for customer use.