

## Braskem HC7260LS-L HDPE Injection Molding Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

**Material Notes:**

HC7260LS-L is a high-density polyethylene developed for injection molding. It has high hardness and stiffness and low warpage. This resin also has additives against ultraviolet radiation action. Its applications include: industrial containers, safety helmets, toilet seats, housewares, toys, lids, pallets, and boxes for beverage bottles.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-HC7260LS-L-HDPE-Injection-Molding-Polyethylene.php](http://www.lookpolymers.com/polymer_Braskem-HC7260LS-L-HDPE-Injection-Molding-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.959 g/cc	0.0346 lb/in <sup>3</sup>	ASTM-D792
ESCR 100% Igepal®	<= 4.0 hour @Thickness 2.00 mm, Temperature 50.0 °C	<= 4.0 hour @Thickness 0.0787 in, Temperature 122 °F	0.3 mm notched-plaques; ASTM-D1693
Melt Flow	7.2 g/10 min @Load 2.16 kg, Temperature 190 °C	7.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	64	64	ASTM-D2240
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM-D638
Elongation at Yield	7.5 %	7.5 %	ASTM-D638
Flexural Modulus, 1% Secant	1350 MPa	196000 psi	ASTM-D790
Izod Impact, Notched	0.350 J/cm	0.656 ft-lb/in	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	76.0 °C	169 °F	ASTM-D648
Vicat Softening Point	126 °C @Load 1.02 kg	259 °F @Load 2.25 lb	ASTM-D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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