

**High Density Polyethylene SHA7260****Description:**

SHA7260 is a high-density polyethylene, developed for the injection molding, easy to process and with high productivity. This resin has a good melt flow with high rigidity and hardness. Its narrow molar mass distribution results in a low tendency to warpage. The minimum biobased carbon content of this grade is 94%, determined according to ASTM D6866.

**Applications:**

Caps, Thin wall parts, Houseware, toys

**Control Properties:**

Feature	Method	Units	Values
Density	ISO 1183-1	g/cm <sup>3</sup>	0.955
Melt Flow Rate (190°C/2,16 kg)	ISO 1133	g/10 min	20

**Typical Properties - Plaque<sup>1</sup>:**

Plaque Properties

Feature	Method	Units	Values
Flexural modulus Chord 0.05-0.25 % (b)	ISO 178	MPa	1210
Izod Impact Strength 23 °C (b)	ISO 180	kJ/m <sup>2</sup>	8
Vicat Softening Temperature at 10 N (a)	ISO 306	°C	122
Deflection Temperature Under Load at 0.455 MPa (b)	ISO 75	°C	70

1 Test specimens prepared from compression molded sheet made according to ISO 293. Plaque Thickness: a) 3 mm b) 4 mm c) 6 mm

**Final Remarks:**

1. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
3. For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
4. The mentioned values in this report can be changed at any moment without Braskem previous communication.