

PP07605JBK

Experimental Grade

Product description:

PP07605JBK is a product of injection grade of PP with UV additive compound which is specially designed for UV resistance. It also exhibits high ductility and tensile strength as well as suitable for automotive applications.

Typical application: Injection molded part for outdoor uses

Typical properties:

Properties	Unit	Method	Value
<i>Physical and thermal properties</i>			
MFR	g/10 min	ASTM D1238	7.6
Density	g/cm ³	ASTM D792	0.9
HDT (0.45 MPa)	°C	ASTM D648	105.6
HDT (1.82 MPa)	°C	ASTM D648	56.2
<i>Mechanical properties</i>			
Tensile strength 23 °C	MPa	ASTM D638	25.7
Flexural modulus	MPa	ASTM D790	1240
Izod notched impact strength (23°C)	J/m	ASTM D256	108

Note: Typical properties reported here are typical values of the product, not be construed as product specifications. Solution Creation makes no representations as to the accuracy or completeness of the information contained herein.

Processing guideline: For injection moulding;

- Melt temperature: 190 – 250 °C
- Mould temperature: 45 – 65 °C
- Screw speed for screw diameter of 35 mm: 30 – 60 rpm
- Back pressure: 5 – 10 MPa

Delivery form: The products are supplied as cylindrically cut granules in 25 kg/bag.

Storage condition: Avoid direct sunlight, keep in dry condition, and keep sealed when not in use.