SABIC® PPcompound 8700

Polypropylene

Saudi Basic Industries Corporation (SABIC)

Message:

PP elastomer modified MF for Injection moulding

General Information			
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.04	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ISO 527-2/5/50
Yield, 3.20mm, injection molding	20.0	MPa	ISO 527-2/5/50
Fracture, 3.20mm, injection molding	16.0	MPa	ISO 527-2/5/50
Tensile Elongation [1] (Break, 3.20 mm, Injection Molded)	75	%	ASTM D638
Flexural Modulus [2] (Injection Molded)	1600	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C, Injection Molded)	No Break		ISO 179/1eA
Notched Izod Impact			ISO 180/4A
-20°C	6.0	kJ/m²	ISO 180/4A
0°C	No Break		ISO 180/4A
23°C	No Break		ISO 180/4A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B
CLTE - Flow			ASTM D696
-30 to 30°C	4.5E-5	cm/cm/°C	ASTM D696
23 to 80°C	9.9E-5	cm/cm/°C	ASTM D696
Additional Information			
Mould shrinkage, SABIC method, 24 hours after injection moulding: 0.5%			
NOTE			
1.	50 mm/min		
2.	Method I (three-point load)		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China