

Dow TF0807 TPO

Category : Polymer , Thermoplastic , Elastomer , TPE

Material Notes:

Dow Fascia TPO for Painted Applications Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-TF0807-TPO.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D792
Linear Mold Shrinkage	0.0034 - 0.0044 cm/cm	0.0034 - 0.0044 in/in	Unannealed; ASTM D955
	0.0041 - 0.0053 cm/cm	0.0041 - 0.0053 in/in	Annealed; ASTM D955
Melt Flow	14.5 g/10 min	14.5 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	13.62 MPa	1975 psi	ASTM D638
Tensile Strength, Yield	19.0 MPa	2750 psi	ASTM D638
Elongation at Break	250 %	250 %	ASTM D638
Elongation at Yield	4.8 %	4.8 %	ASTM D638
Tensile Modulus	1.31 GPa	190 ksi	ASTM D638
Flexural Modulus	1.07 GPa	155 ksi	ASTM D790A
Izod Impact, Notched	0.747 J/cm	1.40 ft-lb/in	0°F; ASTM D256A
	2.35 J/cm	4.40 ft-lb/in	32°F; ASTM D256A
	6.78 J/cm	12.7 ft-lb/in	72°F; ASTM D256A
Impact Test	24.9 J	18.3 ft-lb	ID Impact @ 5mph, Peak Energy; ASTM D3763-86
	39.5 J	29.2 ft-lb	ID Impact @ 5mph, Total Energy; ASTM D3763-86

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China