

Multi-Flex® TPO 1047 S

Thermoplastic Polyolefin Elastomer
Multibase, A Dow Corning Company

Message:

Multi-Flex® TPO 1047 S is a Thermoplastic Polyolefin Elastomer (TPO (POE)) product. It is available in Europe or North America. Typical application: Automotive.
Characteristics include:
Heat Resistant
Impact Resistant

General Information			
Features	Good Thermal Stability		
	Low Density		
	Low Temperature Impact Resistance		
	Paintable		
Uses	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.6	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	46		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	352	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	13.1	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Tear Strength	99.8	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	65.6	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	199	°C	
Middle Temperature	210	°C	
Front Temperature	166	°C	
Nozzle Temperature	227	°C	
Processing (Melt) Temp	227	°C	
Mold Temperature	32.2 to 48.9	°C	
Injection Rate	Fast		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

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

