

ESPOLEX WT485

Thermoplastic Polyolefin Elastomer

Sumitomo Chemical America, Inc.

Message:

ESPOLEX WT485 is a polyolefin thermoplastic elastomer (TPO (POE)) product. It can be processed by profile extrusion molding or injection molding, and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The application fields of ESPOLEX WT485 include sheet, automobile industry and additive/color masterbatch.

General Information			
Uses	Mixing		
	Sheet		
	Car dashboard		
	Profile		
Processing Method	Profile extrusion molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.880	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	25	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	1.60	MPa	JIS K6251
Tensile Strength (Break, 23°C)	7.40	MPa	JIS K6251
Tensile Elongation (fracture, 160°C)	790	%	JIS K6251
Injection	Nominal Value	Unit	
Processing (Melt) Temp	199 - 243	°C	
Mold Temperature	21.1 - 48.9	°C	
Injection Rate	Fast		
Back Pressure	0.345 - 0.689	MPa	
Injection instructions			
Injection Pressure: HighPack/Hold Pressure: 40-70% of Inj PressScrew RPM: SlowPart Draft: 3-6° per sideTool Surface Finish: Light Texture			
NOTE			
1.	200 mm/min		

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

