

TechnoFin PP EPDM T 30

Polypropylene + EPDM Rubber

TechnoCompound GmbH

Message:

Ranging from commodity to tailor-made compound

General Information			
Filler / Reinforcement	Talc filler, 30% filler by weight		
Appearance	Black		
	Available colors		
	Natural color		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	8.00	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness	44.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ISO 527-2/1
Tensile Stress			
Yield	25.0	MPa	ISO 527-2/50
Fracture	21.8	MPa	ISO 527-2/5
Tensile Strain			
Yield	6.0	%	ISO 527-2/50
Fracture	8.1	%	ISO 527-2/5
Flexural Modulus ¹	2770	MPa	ISO 178
Flexural Stress ²	39.3	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	2.3	kJ/m ²	ISO 179/1eA
23°C	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	21	kJ/m ²	ISO 179/1eU
23°C	35	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	100	°C	ISO 75-2/B
1.8 MPa, not annealed	56.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method

Surface Resistivity	1.0E+13	ohms	IEC 60093
NOTE			
1.	2.0 mm/min		
2.	2.0 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

