

Tarflen® SM-K25

Polytetrafluoroethylene

Grupa Azoty S.A.

Message:

Tarflen®SM-K25 is a polytetrafluoroethylene (PTFE) material, which contains 25% coke filler. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

Tarflen®The main features of the SM-K25 are:

Flame Retardant

high hardness

Creep resistance

good weather resistance

chemical resistance

Typical application areas include:

engineering/industrial accessories

application of coating

Wire and cable

Sealing applications

Hose

General Information			
Filler / Reinforcement	Coke filler, 25% filler by weight		
Features	Low friction coefficient		
	Moisture proof		
	Good creep resistance		
	Good chemical resistance		
	Good wear resistance		
	Good weather resistance		
	High hardness		
	Flame retardancy		
Uses	Cable sheath		
	Washer		
	Valve/valve components		
	Pipe		
	Piping system		
	Seals		
	Accessories		
	Coating application		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	2.11	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4

Vertical flow direction	2.0 - 3.5	%	ISO 294-4
Flow direction	3.0	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	12.0	MPa	ISO 527-2
Tensile Strain (Break)	100	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Linear thermal expansion coefficient			ISO 11359-2
Flow: 23 to 100°C	1.2E-4	cm/cm/°C	ISO 11359-2
Lateral: 23 to 100°C	7.0E-5	cm/cm/°C	ISO 11359-2
Extrusion instructions			
Molding Pressure: 40 to 60 Mpa Molding Temperature: 370 °C			

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

