

Polimersan Plastics POLITEF® (PTFE) with 60% Bronze

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , Polytetrafluoroethylene (PTFE), Bronze Filled

Material Notes:

As a result of Filled-In POLITEF® alloys, apart from all of its superior properties, POLITEF®, according to its usage areas has gained additional properties as described below:Electrical ConductivityIncrease At Corrosion ResistanceIncrease In Deformation Strength Against Load Decrease In Thermal ExpansionHigh Resistance Against AcidsEasiness At Mechanical Processing StretchingResistance Against StrokeIncrease In Thermal Conductivity Information provided by Polimersan Polimer Kimya San.Tic.Ltd.Sti.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimersan-Plastics-POLITEF-PTFE-with-60-Bronze.php

Physical Properties	Metric	English	Comments
Specific Gravity	3.80 - 4.00 g/cc	3.80 - 4.00 g/cc	ASTM D1457-18
Deformation	5.0 - 5.5 %	5.0 - 5.5 %	230°C, 1 day, 140 kg/cm ² ; ASTM D621

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	63 - 70	63 - 70	ASTM D2240
Tensile Strength, Yield	16.7 - 17.2 MPa	2420 - 2490 psi	ASTM D1708
Elongation at Break	170 - 180 %	170 - 180 %	ASTM D1708
Izod Impact, Notched	1.08 J/cm	2.02 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	80.0 - 90.0 µm/m-°C	44.4 - 50.0 µin/in-°F	ASTM E831
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	0.96462 W/m-K	6.6836 BTU-in/hr-ft ² -°F	ASTM C177

Descriptive Properties	Value	Comments
Corrosion	10 - 15 cc-dak/kg-ms	25 - 1000°C
Kinding Temperature	640	°C, ASTM D1929

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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