

## Isoflon PTFE + 60% Bronze Polytetrafluoroethylene with 60% Bronze

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

### Material Notes:

Properties:Excellent wear and compression resistance (low cold creep)Good thermal conductivityImproved coefficient of friction when combined with Mos<sup>2</sup> or graphiteApplications: Dynamic seals for wear resistance under high pressure, but when resistance to chemical corrosion is not a necessity.Information provided by Isoflon.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Isoflon-PTFE-60-Bronze-Polytetrafluoroethylene-with-60-Bronze.php](http://www.lookpolymers.com/polymer_Isoflon-PTFE-60-Bronze-Polytetrafluoroethylene-with-60-Bronze.php)

Physical Properties	Metric	English	Comments
Specific Gravity	3.90 - 3.98 g/cc	3.90 - 3.98 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65 - 70	65 - 70	ASTM D2240
Tensile Strength	17.0 - 22.0 MPa	2470 - 3190 psi	ASTM D4894
Elongation at Break	180 - 220 %	180 - 220 %	ASTM D4894

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 Â°C	500 Â°F	
Minimum Service Temperature, Air	-200 Â°C	-328 Â°F	

## Contact Songhan Plastic Technology Co.,Ltd.

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