



TECHNICAL DATA SHEET

55 Bronze 5 Moly - Low Flow

Composition by Weight % and Filler Description

40% Virgin PTFE

55% ± 2.0% Bronze

5% ± 0.5% Moly Disulfide MoS₂

MECHANICAL PROPERTIES	TEST METHOD	UNITS	Low Flow
Specific Gravity	ASTM D 4745	~	3.50 - 4.00
Tensile Strength*	ASTM D 4745	Mpa	15
Elongation*	ASTM D 4745	%	80 Min
Diametric Shrinkage	ASTM D 4745	%	1.3 +/- 0.6
Hardness	ASTM D 2240	Shore D	63 - 73
Bulk Density	ASTM D 4745	g/l	1100-1500

Recommended Moulding Pressure	35 Mpa
Max Sintering Temperature	370 °C

* Cross Direction

General Application:

This compound has high temperature stability and high pressure resistance. It has reduced cold flow. The MoS₂ content reduces friction and abrasion.

Safety

This product is a fluoropolymer so normal precautions should be followed.

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