



# 15% Glass + 5% Molybdenum Disulfide PTFE Datasheet

Typical properties of 15% glass + 5% MoS<sub>2</sub> PTFE:

Property	Method	Units	Specification
Specific gravity	ASTM D792	g/cm <sup>3</sup>	2.260 - 2.300
Tensile strength	ASTM D4894	MPa	≥ 18
Elongation	ASTM D4894	%	≥ 200
Hardness	ASTM D2240	Shore D	≥ 58
Deformation under load (14 N/mm <sup>2</sup> for 24 h at 23° C)	ASTM D621	%	11 - 13
Permanent deformation (after 24 h relaxation at 23° C)	ASTM D621	%	5.5 - 7
Coefficient of static friction			0.12 - 0.15
Coefficient of dynamic friction			0.10 - 0.12
Service temperature		C°	-200 / +260

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