

PRODUCT

# 15%GL+5%Mos2

(80% Virgin ptfе + 15% Glassfibers + 5% Molybdenum disulfide)

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 (14N/mm <sup>2</sup> , 24 h at 23°C.)	ASTM D621	%	11 - 13
Permanent deformation (after 24 hrs. 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

**Properties:**

- Improved compression and wear resistance; excellent chemical stability. Better thermal conductivity and coefficient of friction.

**Main applications:**

- It is the most commonly used filler for dynamic seal applications where both rotating and alternating movements are involved, pneumatic, hydraulic and mechanical parts. In dynamic seal applications, where self-lubricating properties, especially at starting point.

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