

TO WHOM SO EVER IT MAY CONCERN.

PROPERTIES OF STYLE - P85 P.T.F.E. GLAND PACKING

- 1. Description : IMPREGNATED PTFE, PTFE & SPUN ARAMID COMBINATION
- 2. Construction : A high quality combination packing of PTFE yarn
With Spun Aramid corners.

Properties of P.T.F.E. Fine Powder:

Properties	Test Method	Unit	Nominal Value
Powder Properties			
Bulk Density	ASTM D 4895	g/l	500
Average particle size (d ₅₀)	ASTM D 4895	µm	525
Processing			
Extrusion pressure (Reduction ratio 400:1)	ASTM D 4895	MPa (psi)	35 (5076)
Mechanical Properties			
Std. specific gravity (SSG)	ASTM D 4895	-	2.175
Tensile Strength	ASTM D 4895	Mpa (psi)	33 (4786)
Elongation	ASTM D 4895	%	330

Properties of Spun Aramid Yarn

- 1. Yarn Count NM : 7.85 NM
- 2. Single Yarn TPM : 340 TPM
- 3. Breaking Force (CN) : 3028 CN
- 4. Breaking Elongation (%) : 4.24 %

Properties of Silicon Oil

- 1. Silicon Content : 100%
- 2. Specific Gravity : 0.967 – 0.975
- 3. Viscosity @ 25 °C : 1000 +/- 50 CST
- 4. Appearance : Water White
- 5. Flash Point : 304 °C



Service Parameters

Service Parameters :	Temp.	pH	Pressure	Velocity
	°C	Range	Kg/cm ²	Mtrs/Sec
	-240 to +260	0-12	120	11