

**TO WHOM SO EVER IT MAY CONCERN.**

**PROPERTIE OF STYLE - 82 P.T.F.E. GLAND PACKING**

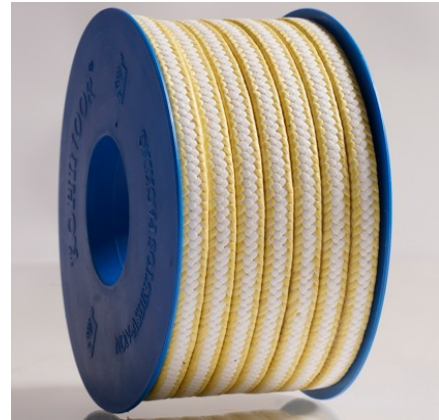
- 1. Description : IMPREGNATED PTFE, & FILAMENT ARAMID COMBINATION
- 2. Ingredient : PTFE & FILAMENT ARAMID YARN
- 3. Construction : Combination packing made of a high-grade PTFE yarn with Filament Aramid Corners.

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

Properties	Test Method	Unit	Nominal Value
<b>Powder Properties</b>			
Bulk Density	ASTM D 4895	g/l	500
Average particle size (d <sub>50</sub> )	ASTM D 4895	µm	525
<b>Processing</b>			
Extrusion pressure (Reduction ratio 400:1)	ASTM D 4895	MPa (psi)	35 (5076)
<b>Mechanical Properties</b>			
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 Kevlar**

- 1. Relative Density : 1.44 g/cc
- 2. Minimum tensile strength : 2920 Mpa
- 3. Elongation at break : 3.6 %



**1. Service Parameters :**

Service Parameters :	Temp.	pH	Pressure	Velocity
	°C	Range	Kg/cm <sup>2</sup>	Mtrs/Sec
	-200 to +260	2-12	180	12