

PROPERTIE OF STYLE - KOHINOOR COMMERCIAL P.T.F.E. GLAND PACKING

Description	:	100% P.T.F.E. PACKINGS
Ingredient	:	Poly tetra Fluoro Ethylene (PTFE Unsinter Yarn)
Construction	:	This is a specially developed packing made of 100% pure PTFE Unsintered tape.

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

1. Service Parameters :

Service Parameters :	Temp.	pH	Pressure	Velocity
	°C	Range	Kg/cm ²	Mtrs/Sec
	-100 to +260	0-14	50	5

Properties of Commercial Oil

1. Density @ 29.5°C, gms/ss	:	0.859
2. KIN. VISCOSITY @ 40° C, cst	:	91.84
3. Appearance	:	Clear Liquid
4. Flash Point	:	252
5. Pour Point, °C	:	-12

