

PROPERTIES OF STYLE - 11 ROUND P.T.F.E. UNIVERSAL SOFT PACKING

1. Description : P.T.F.E. PACKINGS
2. Ingredient : Poly tetra Fluoro Ethylene (PTFE Unsinter)
Silicone Oil
3. Construction : Extruded soft packing made from PTFE and high temperature
Lubricant. Available in Square and Round section.

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

Service Parameters :

Service Parameters	Temp.	pH	Pressure	Velocity
	°C	Range	Kg/cm ²	Mtrs/Sec
	-100 to +260	0-14	20	4

Properties of Silicon Oil

1. Silicon Content : 100%
2. Specific Gravity : 0.99 – 1.01
3. Viscosity @ 25°C : 1000 +/- 100 CST
4. Acidity : 10 ppm
5. Appearance : Water White
6. Flash Point : 304°C

