

PROPERTIES OF STYLE - 14 P.T.F.E. VALVE PACKING

1. Description : P.T.F.E. VALVE PACKINGS
2. Ingredient : Poly tetra Fluoro Ethylene (PTFE Unsinter Yarn)
3. Construction : Valve Seal is provided with double construction of 100% PTFE core with spiral wrapping of PTFE 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

Service Parametres :

Service Parameters :	Temp.	pH	Pressure
	°C	Range	Kg/cm ²
	-100 to +260	0-14	200

