

PROPERTIE OF KOHINOOR STYLE - 21 EXPANDED PTFE TAPE



1. Description : P.T.F.E. (100 % P.T.F.E)
2. Ingredient : Poly tetra Fluoro Ethylene (100%)
3. Construction : Expanded Soft Packing made from a special grade PTFE resin with One side adhesive strip.

4. 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

5. **Service Parameters** :

Service Parameters	Temp.	pH	Pressure	Compressibility	Density
	°C	Range	Kg/cm ²	% (Percentage)	
:	-240 to +260	0-14	200	70 % to 80 %	0.6g/cm ³ +/- 0.1g/cm ³

6. **Tissue Tape (Both Side Adhesive) :** Synthetic Adhesive