



KLINGER®tc-1006

KLINGER®tc-1006 is a high quality, cost-effective biaxial oriented modified PTFE gasket material with barium sulphate. The tc-1006 offers superior sealability, excellent torque retention, and reduced creep relaxation supporting most chemical applications. This material is free from pigments and meets FDA conformity.

TECHNICAL DATA SHEET

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PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Color	--	--	White
Basis	Modified PTFE material with barium sulphate		
Pressure Limit	--	psi	1235
Temperature Range	--	°F	-450 - +500
Compressibility	ASTM F36 M	%	6
Recovery	ASTM F36 M	%	40
Liquid Leakage	ASTM F37	ml/hr	< 0.02
Creep Relaxation	ASTM F38	%	13
Tensile	ASTM F152	psi	2320
Density	--	lbs/ft ³	180
Gas Leakage	BS7531	mL/min	< 0.004
Dielectric Strength	ASTM 149	kV/mm	21