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Description: VIRGIN PTFE TO BS EN ISO 13000

Formulation: 100% PTFE

Typical Applications

PTFE has a wide range of applications that make use of its extreme chemical resistance, very low coefficient of friction, excellent electrical insulation properties and thermal stability up to 250°C.

Typical Physical Properties

Rod, tube and sheet semi-finished material in virgin PTFE can be produced to satisfy BS EN ISO 13000-1. Ram extruded material will normally satisfy Grade 3 and often Grade 2. Compression moulded material will normally satisfy Grade 1.

Properties	Unit	Grade 1	Grade 2	Grade 3	Grade 4
Density	G/cm ³	All grades 2.13 - 2.19			
Tensile St'gth	N/mm ²	25	20	15	10
Elongation	%	280	200	150	75

Properties determined in accordance with BS EN ISO 13000-2

These figures are typical values for the material and do not represent a product specification. Properties will vary depending on the source of raw material, method of processing, physical form of the product, direction of measurement etc.



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