

DATASHEET

P.T.F.E. 15% GRAPHITE

85% VIRGIN PTFE + 15% GRAPHITE

TECHNICAL DATA

Properties	Test method	Unit of measure	Value
Specific weight	ASTM D4894	g/cm ³	2.16
Tensile strength	ASTM D4894	Mpa	20
Elongation at break	ASTM D4894	%	230
Shore D hardness	ASTM D2240	Sh. D	61
Shrinkage	INTERNAL	%	2.5
Compressive strength	ASTM D695	Mpa	6.5 - 7.5
Thermal conductivity	-	W/K.m	-
Maximum Service Temperature, Air	Continuous Service	C°	260
FDA Certification	-	-	-

PTFE is an incredibly versatile material used across many industries, thanks to its stable and durable characteristics and affordability.