



DATASHEET

P.T.F.E. 10% EKONOL

90% VIRGIN PTFE + 10% AROMATIC POLYESTER

TECHNICAL DATA

Properties	Test method	Unit of measure	Value
Specific weight	ASTM D4894	g/cm ³	2.07 +/- 0.02
Tensile strength	ASTM D4894	N/mm ²	24
Elongation at break	ASTM D4745	%	250
Shore D hardness	DIN 53 505	Sh. D	63
Deformation under load	-	%	-
Compressive strength	DIN 53 456	Mpa	11
Thermal conductivity	DIN 52612	J * 10 ³ / m * h * K	5.4
Maximum Service Temperature, Air	Continuous Service	C°	260
FDA Certification	-	-	NO

PTFE FILLED 10% AROMATIC POLYESTER

Ekonol® aromatic polyester fillers are a key component in extending the life of parts & components made from PTFE compounds. The exceptional properties of Ekonol PTFE fillers provide maximum wear resistance, dimensional stability & corrosion resistance for molded or extruded parts in demanding services.

The highly crystalline Ekonol polymer yields unparalleled thermal stability along with good creep resistance & excellent load-bearing capacity.

These features make Ekonol polyester PTFE fillers the ideal filler for PTFE compounds to increase service life of bearings, seals, rotors & related parts.

Whereas glass fillers can be abrasive, Ekonol fillers' round particle shape will not wear soft metal surfaces. Additionally, Ekonol/PTFE blends resist self-wear better than other PTFE compositions, with good lubricity on molded parts.

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

