

Technical Data Sheet

Item

Name	Polytetrafluoroethylene
Synonyms	PTFE, Fluon, Teflon, Poly(tetrafluoroethene),
Cas number	9002-84-0
Grade	DE
Appearance	Fine Powder

Application

Paste Extrusion, Pipe, Tubes, Unsintered tape

Packaging

Net weight 9kg Box

Specifications

Parameter	Specification	Test Method
Water content, %, Max	0.02	ASTM D4895
Density (SSD), g/cm ³ , Max	2.18 – 2.21	ASTM D4895
Bulk density, g/l	450 – 550	Internal Method
Tensile strength at break, MPa, Min	25	ASTM D4895
Elongation at break, %, Max	300	ASTM D4895
Particle size, average diameter (d ₅₀), μm	400-650	ASTM D4895
Extrusion pressure	At RP 100:1 7-11 MPa	Internal Method