



MATERIAL DATA SHEET AF207

AFT Material Code AF207
Carbon Filled PTFE
85% PTFE, 15% Carbon (By weight)

Carbon filled PTFE has excellent compressive strength, wear and chemical resistance. It provides good thermal conductivity and low permeability. An ideal material for dynamic sealing applications

Property	Test Method	Value
Density	ASTM D1457	2.10 – 2.15 g/cm ³
Tensile (At break)	ASTM D1457	18-25 MPa
Elongation (At break)	ASTM D1457	250 – 350%
Shore D hardness	ASTM D2240	60 - 70

Issued May 2009 AFT Technical Department

All information is based on typical test results performed under specific conditions and limited sample size. This does not represent a legally binding guarantee of certain properties or the suitability for specific applications. All information is provided in good faith at time of print.