

MATERIAL DATASHEET

Material Reference:
FLUORONOID® FL307
Antistatic PFA

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> Description >

PFA is a melt processible fluoropolymer with chemical resistance and thermal properties which are as good as those of PTFE. It has a maximum use temperature of 260°C.

Addition of special antistatic fillers enables a built up of static charge to be avoided.

> Typical Physical Properties

Properties	Value	Method
Specific Gravity	2.12-2.17	ASTM D792
Tensile Strength	19 (2700) MPa (psi)	ASTM D3307
Elongation	min. 250%	ASTM D3307
Volume Resistivity*	15 - 25 Ω .cm	ASTM D267
Shore D Hardness	55-60	ASTM S2240
Upper Service Temperature	260 (500) °C (°F)	

*Volume resistivity as measured on compression molded plaques. Resistivity is very sensitive to processing technique and conditions. Injection molded plaques are typically higher.

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.