

# MATERIAL DATASHEET

**Material Reference:**  
FLUORINOID® 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.