



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL 305

DESCRIPTION PFA

FORMULATION COPOLYMER OF TETRAFLUOROETHYLENE
AND PERFLUORO ALKYL VINYL ETHER

TYPICAL APPLICATIONS

FL 305 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. The material is also good for use as Distance Strips and Blister Strips in Ammonia production due to its chemical and electrical resistance along with FL300 ETFE.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(ASTM D1457)	2.12 – 2.17
TENSILE STRENGTH	(ASTM D1457)	20MPa minimum
ELONGATION	(ASTM D1457)	250% Minimum
SHORE D HARDNESS	(ASTM D2240)	55 - 65

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.

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