

DATA SHEETFLUOROCARBON COMPANY MATERIAL REFERENCE – FL 346DESCRIPTION ECTFE (Copolymer of ethylene and chlorotrifluoroethylene)TYPICAL APPLICATIONS

FL 346 for injection molding exhibits excellent barrier properties, high resistance to a variety of corrosive chemicals and solvents, low flammability, and ease of processing

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(ASTM D792)	1.68 g/cm ³
TENSILE STRENGTH	(ASTM D638)	45.5 MPa
ELONGATION	(ASTM D638)	260 %
SHORE D HARDNESS	(ASTM D2240)	75
FLEXURAL STRENGTH	(ASTM D790)	48.3 MPa
FLEXURAL MODULUS	(ASTM D790)	1650 MPa
IZOD IMPACT (Notched)	(ASTM D256)	
-40°C, 6.35mm		64.1 J/m
23° C, 6.35mm		No break

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.