

FLUORFLEX

11550

FluoroThermoPlastic Elastomer

Very soft material for highly flexible applications
 Can be injection molded, extruded, or solvent cast
 Excellent weatherability, UV and radiation resistance
 Resistant to chemicals, ozone, and moisture
 Thermoplastic material with no curing or cross linking agents allows reprocessing

<u>Specification:</u>	<u>Range*</u>	<u>Unit of Measure</u>
Tensile Strength	950	Pounds per Square Inch
Elongation at Break	850	Percent
Yield Stress	1300	Pounds per Square Inch
Elongation at Yield	100	Percent
Tensile Modulus at 100%	210	PSI
Tensile Modulus at 300%	390	PSI
Durometer Hardness	62	Shore A
Burning Properties	V0	
Limiting Oxygen Index	>40	Percent
Specific Gravity	1.78	g/cc
Temperature Range	-20 - 160	Degrees Fahrenheit
Compression Set	4.5	Percent

*reference only, not to be used for specifications

FluorFlex FluoroThermoPlastic Elastomers are formulated with custom blends of Kynar® resins to help customers receive the proper engineered material for their application. Formulations offer broad chemical resistance to many acids and bases, as well as most fuel applications. Chemical resistance for applications must be verified by the customer.

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