



HSM Wire International, Inc

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Fluorinated Ethylene Propylene (FEP), Molded/Extruded

Mechanical Properties	Metric	English
Hardness, Shore D	55.0	55.0
Tensile Strength	19.0 - 22.0 Mpa	2760 - 3190 psi
Ultimate Elongation at Break	250 - 330 %	250 - 330 %
Modulus of Elasticity	0.343 Gpa	49.7 ksi
Flexural Modulus	0.539 - 0.637 Gpa	78.2 - 92.4 ksi
Compressive Yield Strength	5.00 - 6.00 Mpa	725 - 870 psi
Izod Impact, Unnotched	NB	NB
Coefficient of Friction	0.0400 - 0.0600	0.0400 = 0.0600
Coefficient of Friction, Static	0.0500	0.0500
Taber Abrasion, mg/1000 Cycles	0.000 - 96.0	0.000 - 96.0

Some of the values displayed may have been converted from their original units and/or rounded in order to display the information in a consistent format.

*To be used as a guideline only

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