

EPILON[®]

4# XPE (Standard)

PROPERTY	UNIT	E-S-40	E-S-60	E-S-80
Density	(PCF)	4.0	6.0	8.0
Tensile Strength: MD TD	(PSI)	118 88	152.1 128	203 160.7
Elongation: MD TD	(%)	210 170	200 178	210 185
Tear Strength: MD TD	(PLI)	20 25	25.7 31.8	36.3 41.4
Compressive Strength (@ 25% PSI)	(PSI)	14	17.6	22.7
Compressive Strength (@ 50% PSI)	(PSI)	28	35	45.4
Compression Set (50%) Original Thickness	(%)	7.3	5.2	4.4
Thermal Stability MD (158° F 22 hrs) TD	(%)	<-1.2 <-0.1	<-1.2 <-0.3	<-1.0 <+0.1
Thermal Conductivity (btu/hr/ft ² °F)		.28	.30	.36

Testing done according to ASTM D3575 & ASTM C177 (thermal conductivity) standard.
Test methods available upon request. All data is typical. Not to be considered specification values.

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