

YOUNGBOARD[®]

Y-20 Y-30 Y-40 (Soft) (Ethylene Vinyl Acetate)

PROPERTY	UNIT	Y-E-20	Y-E-30	Y-E-40
Density	(PCF)	2.0	3.0	4.0
Tensile Strength	(PSI)	42.0	64.0	142
Elongation	(%)	367	386	420
Tear Strength	(PLI)	7.8	12.9	19.9
Compressive Strength (@ 25% PSI)	(PSI)	5	9	10
Compressive Strength (@ 50% PSI)	(PSI)	13	21	24
Compression Set (%) Original Thickness	(%)	4.4	2.8	2.4
Thermal Stability (158° F 24 hrs)	(%)	-0.6	-0.4	-0.4
Thermal Conductivity (btu/hr/ft ² °F)		0.24	0.26	0.29

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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