

YOUNGBOARD®

Y-20 Y-30 Y-40 (Regular)

PROPERTY	UNIT	Y-S-20	Y-S-30	Y-S-40
Density	(PCF)	2.0	3.0	4.0
Tensile Strength	(PSI)	35	78	121
Elongation	(%)	231	279	142
Tear Strength	(PLI)	8	15	20
Compressive Strength (@ 25% PSI)	(PSI)	9	15	17
Compressive Strength (@ 50% PSI)	(PSI)	18	28	30
Compression Set (50% Original Thickness)	(%)	1.5	1.5	1.8
Thermal Stability (158° F 24 hrs)	(%)	-1.4	-0.7	-0.1
Thermal Conductivity (btu/hr/ft ² °F)		0.26	0.27	0.31

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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