

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.

IR Specialty Foam and Packaging cannot predict or control the different conditions under which this information and our products may be applied. Therefore, we do not guarantee the applicability, the suitability of our foams, nor the accuracy of this information. There is no warranty either expressed or implied on our products. Buyer assumes all responsibility for loss or damage arising from the use of our products, whether done in accordance with directions or not. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patents. Users of our products should perform testing to determine their efficiency and suitability prior to use.