

FOAM PHYSICAL PROPERTIES (ASTM STANDARDS)	EXPANDED POLYPROPYLENE FOAM							
PROPERTY	TEST METHOD	UNITS						
		Gr/Lt	20	30	45	60	67	80
DENSITY		PCF	1.25	1.9	2.8	3.75	4.18	5
COMPRESSION STRENGTH 25% STRAIN	ASTM-D3575	PSI	14.5	24	40.6	56.6	65.3	87
COMPRESSION STRENGTH 50% STRAIN	ASTM-D3575	PSI	24	34	54	72.5	86	116
COMPRESSION SET	ASTM-D3575	%	14	12	12	11	11	10
FLEXUAL STRENGTH	ASTM-D790	PSI	30.5	55	78	105	125	156
TENSILE STRENGTH AT BREAK	ASTM-D3575	PSI	38	56	67	90	103	118
TENSILE ELONGATION AT BREAK	ASTM-D3575	%	15	15	14	14	13	13
WATER ABSORPTION (VOLUME	ASTM-C272	%	<1%	<1%	<1%	<1%	<1%	<1%
THERMAL RESISTIVITY (R) PER INCH	@ 70	R	4.0	4.0	4.0	4.0	4.0	4.0
MAX. SERVICE TEMPERATURE	F		212	212	212	212	212	212
BUOYANCY	1 CUBIC FT.	LBS	61	59.5	596	58.6	58	57