

ALPHA ASSOCIATES, INC.

145 LEHIGH AVENUE LAKEWOOD, N.J. 08701
Phone: (732) 634-5700 Fax: (732) 634-1430

ALPHA - TEMP (SCRIM BASE)
STYLE VRR-50



DESCRIPTION

POLYPROPYLENE / SCRIM / CORE / METALLIZED PET

*THIS MATERIAL MEETS ALL CRITERIA FOR ASTM-C-1136...TYPES I, II, III, IV, V, & VI

PROPERTY DATA STYLE VRR-50

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	BASIS WEIGHT	22.9 lbs/1000 sq ft +/- 10%	111.9 g/m ² ± 10%
THICKNESS	ASTM-D-1777	.010" nominal	254 microns nominal
TENSILE STRENGTH	ASTM-C-1136	MD 100 lbs/inch	17.5kN/m
		XD 60 lbs/inch	10.5 kN/m
ACCELERATED AGING	30 days(95% RH,120 °F) @ 49 °C	No Corrosion No Delamination	No Corrosion No Delamination
BURST STRENGTH	ASTM-D-774	185 psi	13.0 kg/cm ²
BEACH PUNCTURE	ASTM-C-1136	200 Beach units (26.5 in lbs)	5.92 Joules
LIGHT REFLECTIVITY	ASTM C-523	Result-85%	
WATER IMMERSION	24 hours @ 73°F (23°C)	No Delamination	No Delamination
PERMEABILITY (WVTR)	ASTM-E-96 Procedure A	0.02 Perms	1.15 ng/N's
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	-40 °F to 220 °F	-40 °C to 104 °C
MOLD RESISTANCE	ASTM-C-665	No Growth	No Growth
FIRE TESTING UL 723 (CAN ULC-S102M)	COMPOSITE		
	FLAME SPREAD	25	
	SMOKE DEVELOPED	50	

DATA SHEET 13913

REV E

DATE: 9/15/09

* All values are nominal unless otherwise specified.

Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications

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