



SB120R Reflective Vinyl

Physical Properties of SB120R Reflective Sheeting

<u>Property</u>	<u>Test Method</u>	<u>Results</u>
Average Thickness	Micrometer	.007"
Average Gloss	Glossmeter 85°	95°
Tensile Strength	Instron at 30cm (12"/Minute)	5.0kg (11lb)
Elongation	Instron at 30cm (12"/Minute)	24%
<u>Property</u>	<u>Test Method</u>	<u>Results</u>
Humidity Resistance	100% Humidity at 81° for 72 hours	No Effect
Cold Resistance	72 hours @ -70° F	No Effect
Heat Resistance	72 hours @ 160° F	.4mm Max Shrinkage
Minimum Application Temperature		50° F
Service Temperature Range		40°F to 160°F
Storage Stability		2 Years at 70°F and 50% Relative Hum.
Expected Exterior Life	QUV Accelerated Weatherometer-2000 hours	3-5 Year Durability
Tack	ASTM D 2979	370
Adhesion	ASTM D903	
	180° Pullback at 12"/minute at 74° F	
ALUMINUM		75 OZ/IN
ABS		71 OZ/IN
ACRYLIC		73 OZ/IN
COROPLAST-CORRUGATED BOARD		63 OZ/IN
GLASS		70 OZ/IN
PAINTED METAL		52 OZ/IN
PAINTED WOOD		22 OZ/IN
PAPER		7+ OZ/IN
POLYCARBONATE		76 OZ/IN
POLYPROPYLENE		32 OZ/IN
SINTRA-FOAM BOARD		59 OZ/IN
STAINED AND VARNISHED WOOD		24 OZ/IN
STYRENE		70 OZ/IN

Chemical Resistance of SB120R Reflective Sheeting

<u>Property</u>	<u>Test Method</u>	<u>Results</u>
WATER	1 Month	No Effect
GASOLINE	10 Minutes	No Effect
BASIC CLEANERS	10 Minutes	No Effect
TOLUENE	1 Minute	No Effect
10% Hydrochloric Acid Sol.	10 Minutes	No Effect
10% Sodium Chloride Sol	1 Month	No Effect