

HEAT BARRIER SYSTEMS, INC.

POLARALUM®

FOIL / NON-WOVEN

Tentative Specification

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
Foil	Aluminum	0.001 inch	25.4 microns
Adhesive	Polymeric		
Non-Woven	Non-Woven Polyester	5.5 oz / yd ²	185 g / m ²

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	56.0 lbs / 1000 ft ²	273.8 g / m ²
Caliper/Thickness	Micrometer	0.036 inches	922.3 microns
Mullen Burst	ASTM D774	240 psi	1654 kPa
Tensile Strength	ASTM C1136	70 lbs / inch width (MD) 45 lbs / inch width (XD)	12.3 kN / m (WARP) 7.9 kN / m (FILL)
Emissivity (Foil Side)	ASTM E408	0.03	0.03

Physical Properties based upon statistical averages, Weight / Thickness +/- 10%

Heat Barrier Systems, Inc.
P.O. Box 840
Caddo Mills, TX 75135-0840

Toll Free: (866) 527-4972
Fax: (903) 527-1174