

45 MIL REINFORCED POLYPROPYLENE SHEETING

Product Code: 45PP

PROPERTIES	TEST METHOD	VALUE
Profile thickness	Caliper	45.0
(± 10%) (mil)		
Scrim Construction (polyester)		
-warp/thread count		9
-weft/thread count		9
-warp/denier		1000
-weft/denier		1000
Tensile Properties	ASTM D-751 (method A)	
-grab tensile warp (lbs)		300
-grab tensile weft (lbs)		250
Tear Properties	ASTM D-751 (method B)	
-tongue tear warp (lbs)		100
-tongue tear weft (lbs)		100
Strip Tensile (minimum lbs)	ASTM D-751 (Procedure B)	
-warp		not tested
-weft		not tested
Trapezoid Tear (minimum lbs)	ASTM D-1117 (Section 14)	
-warp		not tested
-weft		not tested
Hydrostatic Resistance	ASTM D-751 (method A)	350
(psi)	(procedure 1)	
Puncture Resistance	FTMS 101C	250
(lbs)		
Low Temperature Flexibility	ASTM D-2136	-65
(°F/4 hrs/1/8" mandrel)		
Dimensional Stability	ASTM-G-53	1.0
(% change maximum)	1 hr @ 180°	
Water Absorbtion	ASTM D-471	< 1%

(% wgt change, maximum)

Resistance to Soil Burial

ASTM D-3083

90%

(tensile retention)

The values listed above are typical properties and are intended to be used as guidelines only. No guarantee or warranty regarding performances of this product is made by Integra Plastics, Inc. as the manner of use, handling and conditions are beyond our control. Install in accordance with accepted industry standards.

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