

# 36 MIL REINFORCED POLYPROPYLENE SHEETING

Product Code: 36PP

PROPERTIES	TEST METHOD	VALUE
<b>Profile thickness</b>	Caliper	36.0
(± 10%) (mil)		
<b>Scrim Construction</b> (polyester)		
-warp/thread count		9
-weft/thread count		9
-warp/denier		1000
-weft/denier		1000
<b>Tensile Properties</b>	ASTM D-751 (method A)	
-grab tensile warp (lbs)		250
-grab tensile weft (lbs)		200
<b>Tear Properties</b>	ASTM D-751 (method B)	
-tongue tear warp (lbs)		100
-tongue tear weft (lbs)		100
<b>Strip Tensile</b> (minimum lbs)	ASTM D-751 (Procedure B)	
-warp		not tested
-weft		not tested
<b>Trapezoid Tear</b> (minimum lbs)	ASTM D-1117 (Section 14)	
-warp		not tested
-weft		not tested
<b>Hydrostatic Resistance</b>	ASTM D-751 (method A)	350
(psi)	(procedure 1)	
<b>Puncture Resistance</b>	FTMS 101C	250
(lbs)		
<b>Low Temperature Flexibility</b>	ASTM D-2136	-65
(°F/4 hrs/1/8" mandrel)		
<b>Dimensional Stability</b>	ASTM-G-53	1.0
(% change maximum)	1 hr @ 180°	
<b>Water Absorbtion</b>	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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