

AerForm™ TX6

Technical Data Sheet

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PHYSICAL PROPERTIES			
Property	Test Method	Result	
Nominal Thickness	Fed. Std. 191-5041	oz/yd ² ±10%	g/m ² ±10%
0.025"		< 30	< 1000
0.030"		< 40	< 1350
0.045"		< 50	< 1600
0.065"		< 75	< 2550
0.085"		< 95	< 3200
0.095"		< 110	< 3650
0.130"		< 155	< 4900
Color Fastness	DMS 2291 Section 4.5.2 Fed. Std. 191-5660 (Fadeometer: 50 hrs, oven: 104± 6°C, 10 min)	Pass	
Abrasion Resistance	ASTM D4060 (CS 17 wheel, 250g, 1000 revolutions)	> 20 mg	
Heat Distortion	ASTM D648 @ 264 psi	> 160°C	
Impact Strength	ASTM D3029 Method G	in.lb.	
0.025"		> 9	
0.030"		> 9	
0.045"		> 9	
0.065"		> 10	
0.085"		> 15	
0.095"		> 20	
0.130"		> 40	
Solvent Resistance	DAN 419, Section 4.1.5 (Isopropanol, trichloroethane)	No change	
Stain Resistance	ASTM 2299	No staining occurred	

FLAMMABILITY PROPERTIES		
Property	Test Method	Result
OSU Heat Release	14 CFR 25.853 (d), Amdt 25-116, Appendix F, Part IV	Pass
NBS Smoke Density	14 CFR 25.853 (d), Amdt 25-116, Appendix F, Part V	Pass
60 Second Vertical Burn	14 CFR 25.853 (d), Amdt 25-116, Appendix F, Part 1 (a)(1)(i)	Pass
12 Second Vertical Burn	14 CFR 25.853 (d), Amdt 25-116, Appendix F, Part 1 (a)(1)(ii)	Pass

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