

Test Data

PolyNovaTM ST-919 Styrene Acrylic Latex

Industrial Gloss White Paint (ST919G-1)

<u>Test</u>	<u>ST-919</u>	<u>Conventional latex</u>
PATTI adhesion	574 psi	506 psi
Direct impact resistance	106 in-lbs	106 in-lbs
Flexibility – ¼” conical mandrel bend	Pass	Pass
Pencil hardness	3B	3B
UV-A340 weathering		
Initial gloss	70.0	63.0
1000 hrs gloss	50.9	19.3
% gloss retention	72.6%	30.8%
Color change (ΔE)	1.35	4.66
Salt Fog – 1000 hours		
Rusting	9	1
Blistering	Few	Dense
Scribe rust creep	9	0
Humidity resistance (100%, 100F)		
Rusting	10	10
Blistering	Dense	Dense
Film appearance	No softening	No softening

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