



Nysan Fabric Specifications SuperTwill 100 Fabrics

- 2.3 Fabric Schedule
- 2.3.1. Fabric: "Nysan SuperTwill 300"
- 2.3.1.1. Fabric weight 10.5 oz/yd²
- 2.3.1.2. Fabric Thickness 26 mil
- 2.3.1.3. Break Strength warp 190daN/5cm
weft 190daN/5cm
- 2.3.1.4. Flame Res.: 0.0 sec after flame
- 2.3.1.5. Fuel contributed value: 0
- 2.3.1.6. Average Openness: ±3%
- 2.3.1.7. Elongation to breaking: 1-7%
- 2.3.1.8. Color fastness to light: 7/8
- 2.3.1.9. Tear Resistance: 13-18 lbs/2"
- 2.3.1.10. Char Length (inches): 0.2
- 2.3.1.11. Color: Standard Colors
- 2.3.1.12. Composition: Fabric made with PVC coated fiberglass yarns
(Fiberglass 36%, PVC 64%)
- 2.3.2. Fabric:
- 2.3.2.1. Waterproof, washable, rot proof.
- 2.3.2.2. Flame resistant in accordance with California Flame Test, Title 19 Public Safety, Section 1237.1 small scale test.
- 2.3.2.3. Tested in accordance with ASHRAE Standard 74073, "Methods of Measuring Solar-Optical Properties of Materials" and flame spread to NFPA 703: Small Scale Test for Curtains and Draperies 1989" and NFPA 701: "Large Scale Test for Single Strip Specimens." Toxicity: UPITT Fungal resistance: ASTM G21 Bacterial Resistance, ASTM G22
- 2.3.3. Fabric to be chosen from standard range of colors.

End Of Section

August 13, 2008

**Fenestration Properties for Nysan SuperTwill, Average 3% Openness
Factor**

<u>DESCRIPTION</u>	SHADING COEFFICIENTS							
	<u>Ts</u>	<u>Rs</u>	<u>As</u>	<u>Tv</u>	<u>O-F</u>	<u>1/8" CL</u>	<u>1/4" CL</u>	<u>1/4" H.A.</u>
White Linen	15	58	27	7	2	0.37	0.38	0.33
- Dark Side	24	51	25	17	2	n/a	0.45	0.38
Pearl White	9	49	42	4	3	0.41	0.40	0.36
- Dark Side	19	42	39	14	3	n/a	0.50	0.40
Linen Pewter Bronze	5	39	56	3	3	0.50	0.48	0.40
- Dark Side	8	21	71	8	3	n/a	0.60	0.46
Linen Linen Pearl	12	49	39	6	4	0.44	0.43	0.37
- Dark Side	20	43	37	13	4	n/a	0.49	0.40
White Sable Bronze	10	45	45	10	3	n/a	0.46	0.48
- Dark Side	10	31	59	10	3	n/a	0.54	0.43
Charcoal Sable	6	21	73	6	3	n/a	0.60	0.46
- Dark Side	6	11	83	6	3	n/a	0.66	0.49
Charcoal Linen Pearl	5	25	70	2	3	0.57	0.54	0.43
- Dark Side	7	11	82	7	3	n/a	0.66	0.49
White Charcoal	6	38	56	7	3	n/a	0.49	0.40
- Dark Side	6	18	76	7	3	n/a	0.61	0.47
Charcoal Pewter	3	12	85	1	3	0.66	0.64	0.48
- Dark Side	5	7	88	6	3	n/a	0.68	0.50
White Pewter Charcoal	8	34	58	8	3	n/a	0.52	0.42
- Dark Side	8	21	71	8	3	n/a	0.60	0.46

