



Technical Bulletin

Item Number:

T18KKS "OmegaTex"

10/11/2019

Product Description:

A fabric .027" diameter vinyl coated 1500 denier polyester core yarns in warp and .030" diameter vinyl coated 2000 denier Twaron core yarns in fill.

Attribute	ASTM	Warp	Fill	Typical
Construction, end/inch	D3775-96	22.0 ± .5	13.5 ± .5	
Weight, oz/yd ²	D3776-96	--	--	19.5
Tensile Strength (grab), lbf	D5034-95	711.3	748.9	
Tensile Strength (strip), lbf	D5035-95	416.7	251.4	
Tear Strength, (Trapezoidal), lbf	D1117-97	181.6	285.0	
Elongation, %	D5035-95	42.8	12.3	
Abrasion Resistance (H18/500 cycles/ with no add weight)	D3884-92	No exposure to core yarn		
Weatherability, 1200 hours	G53-96	Trace discoloration		
Ball Burst, lbf*	D3787			460+
Bursting Strength, psi*	D3786			1250+
Puncture Resistance, lbf	D4833			364
Porosity Calculation			Open Cover	9% 91%
Flammability Rating		CS 191-53		