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Flintex FL1x1PP

Flintex FL1x1PP is composed of high-tenacity polypropylene (PP) yarns, which are woven into a network in such a manner that the yarns retain their relative position to each other. FL1x1PP is inert to biological degradation and resistant to most naturally encountered chemicals, alkalis and acids.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Values (MARV)	
			MD	CMD
Wide Width Tensile Strength (@ ultimate)	ASTM D 4595	kN/m (lbs/in)	17.5 (100)	17.5 (100)
Wide Width Elongation	ASTM D 4595	%	25	20
Trapezoidal Tearing Strength	ASTM D 4533	kN (lb)	0.33 (75)	0.33 (75)
Puncture	ASTM D 4833	kN (lb)	0.4 (90)	
Apparent Opening Size (AOS)	ASTM D 4751	mm (US Sieve)	0.425 (40)	
Flow Rate	ASTM D 4491	l/min/m ² (g/min/ft ²)	720(18)	
Factory Seam Strength	ASTM D 4884	kN/m (lbs/in)	9.6(55)	
Mass	ASTM D 5261	g/m ² (oz/sy)	120 (3.5)	

Disclaimer: Flint Industries warrants our fabricated products to be free from defects in material and workmanship when shipped out to our customers and that our products meet our published specifications. Contact Flint at (912) 685-3375 for more information.