

1. Performance Attributes

	Target	Minimum	Maximum	Unit	Test Method
1.1. Basis Wt (100mm×100mm test area)	40	38.5	40	gsm	ASTM D 3776
1.2. Tensile Strength MD (50mm sample width,100mm jaws separate and 300mm/min jaws speed)	75	55	--	N/5 cm	EN 29073-3
1.4. Tensile Strength CD (50mm sample width,100mm jaws separate and 300mm/min jaws speed)	50	30	--	N/5 cm	EN 29073-3
1.6. Hydrohead (100cm ² test area,60mbar/min water flow rate,read when 3 water drops appear)	--	50	--	cmH ₂ O	AATCC 127
1.7. Spray Impact (55+-10% RH(Relative Humidity),21+-3C temperature)	0.1	--	1	g	AATCC 42
1.8 Surface resistance	10 ¹⁰	109	10 ¹¹	ohm	IST40.1
1.9. Melt Index	0.06769	0.02588	0.1095	g/s	ASTM D1238
1.10 Alcohol Repellency	8	6	--	rating	IST80.9
1.11 Pilling Resistance	5	4	--	rating	ASTMD4970/4966
1.12 Biocompatibility					
Cytotoxicity	Pass				ISO 10993-5:1999
Skin Irritation	Pass				ISO 10993-10:2002
Skin Sensitization	Pass				ISO 10993-10:2002