



Technical properties of *Drefon*° S-600

100% virgin high tenacity polypropylene fibres mechanically bonded by needle-punching without any chemical or thermic treatment, UV stabilized

property	standard test	unit	
areic mass	EN ISO 9864	g/m ²	600
thickness under 2 kPa	EN ISO 9863-1	mm	5
tensile strength CMD tolerance	EN ISO 10319	kN/m	45 -4,4
tensile strength MD tolerance	EN ISO 10319	kN/m	43 -4,3
elongation at break CMD tolerance	EN ISO 10319	%	90 ± 18
elongation at break MD tolerance	EN ISO 10319	%	90 ± 18
energy absorption index CMD	EN ISO 10319	kJ/m ²	20,3
energy absorption index MD	EN ISO 10319	kJ/m ²	19,35
static puncture (CBR test) tolerance	EN ISO 12236	kN	7,3 -0,71
dynamic perforation (cone drop test) tolerance	EN 918	mm	0,0 0
pyramid puncture tolerance	EN 14574	N	770 -70
characteristic opening size O ₉₀ tolerance	EN ISO 12956	micron	70 ± 20
permeability normal to the plane (h=50 mm) tolerance	EN ISO 11058	l/m ² .s	44 -12
water flow in the plane (20 kPa, i=1) tolerance	EN ISO 12958	m ² /s	11 x 10⁻⁶ -4,1 x 10 ⁻⁶

These data are statistic figures according to Harmonized European Standards, cert. n. 1213-CPD-3243.
The quality system is certified according to EN ISO 9001/2000.

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