

Mirafi® HP Woven Polypropylene Geotextiles

Properties of Mirafi® HP Woven Polypropylene Geotextiles

Property	Unit	HP270	HP340	HP370	HP465	HP470	HP570	HP580	HP665
Tensile strength	MD kN/m	35	40	55	55	60	70	80	70
Tensile strength ISO 10319	CD kN/m	35	40	40	55	60	70	80	95
Elongation	MD %	15	15	15	15	15	20	20	20
Elongation ISO 10319	CD %	15	15	15	15	15	15	15	15
Tensile strength at 2% strain	MD kN/m	6	6.5	8	8	8.5	9	10	5.5
Tensile strength at 2% strain	CD kN/m	6	6.5	8	10	10	20	20	25
Tensile strength at 5% strain	MD kN/m	15	15	20	25	25	25	25	20
Tensile strength at 5% strain	CD kN/m	15	15	20	25	30	50	50	55
CBR puncture	kN	4.5	5.0	6.5	7.0	7.0	6.5	7.5	8.0
ISO 12236, ASTM D6241									
UV resistance after 500 hours	%	90	90	90	90	90	90	90	90
ASTM D4355									
Opening size, O₉₀	mm	0.45	0.40	0.40	0.30	0.45	0.45	0.35	0.40
ISO 12956									
Water flow, Q₅₀	l/m ² /s	30	20	25	8	25	25	15	20
ISO 11058									
Roll width	m	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Roll length	m	100	100	100	100	100	100	100	100

Mirafi® is a registered trademark of TenCate.

Further details of this application and products can be obtained by contacting your nearest TenCate Technical Support Office.

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