

Technical Data propex[®] composites

propex [®] composite styles										
Test Method	Standard	Unit	65 6054		65 6057		65 6085		65 6088	
			MD	CD	MD	CD	MD	CD	MD	CD
Mass per Unit Area M_A	EN 965	g/m ²	132		154		564		748	
Thickness (2kN/m ²) d	EN 964/1	mm	0,9		0,8		3,2		3,4	
Tensile Strength T_{max}	EN ISO 10 319	kN/m	14	10	13	12	50	45	80	75
Tensile Force at 5 % Strain		kN/m					40	30	40	40
Strain at max. Load		%	15	12	15	15	8	8	8	8
Static Puncture Test (CBR)	EN ISO 12 236	kN	1,3		1,6		6,5		9,0	
Push-Through Force CBR [X-s]										
Dynamic Puncture Test	EN 918	mm	14		12		8		6	
Hole Diameter										
Water Permeability normal to plane	EN ISO 11 058	mm/s	18		16		5		4	
V-Index at $h=0.05m; 20^{\circ}C$										
Characteristic Opening Size	EN ISO 12 956	µm	140		130		80		90	
O ₉₀ (wet sieving)										
UV-Resistance strength retained after 50 MJ/m ²	EN 12 224	%	90%	90%	100%	100%	100%	100%	100%	100%
Packing		Unit	65 6054		65 6057		65 6085		65 6088	
Fabric width		cm	450	525	450	525	400	520	520	
Roll length		m	200	200	200	200	50	50	40	
Roll diameter		cm	40	40	42	42	50	50	50	
Total weight		kg	119	139	139	162	113	147	194	
Area		m ²	900	1050	900	1050	200	260	208	

* All our data's are average values

* Specific weight of Polypropylene : 0.90 g/cm³, Melting Point: approx. 165 °C

* All ProPex[®] geotextiles are subjected to external product control (Fremdüberwachung)

* Testing Institute: Institute für textile Bau- und Umwelttechnik GmbH (tBU) D-48268 Greven (Germany)

* PROPEX Fabrics GmbH production is certified according ISO 9001 and CE production control

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