



Properties	Test Method	NORDREN Drainage Geocomposite					
		SGC 1250/ 200*	SGC 1250/ 300*	SGC 1250/ 400*	DGC 1250/ 200*	DGC 1250/ 300*	DGC 1250/ 400*
Geocomposite > TGransmissivity ** (LMD) [m <sup>2</sup> /s] > Ply Adhesion (LMD) [kN/m] { lb/in}	ASTM D 4716  ASTM F 904	28,2 x 10 <sup>-4</sup>  PP: [0,2] {1} PET: [0,6] {3}	29,2 x 10 <sup>-4</sup>  PP: [0,2] {1} PET: [0,6] {3}	29,2 x 10 <sup>-4</sup>  PP: [0,2] {1} PET: [0,6] {3}	6,3 x 10 <sup>-4</sup>  PP: [0,2] {1} PET: [0,6] {3}	6,3 x 10 <sup>-4</sup>  PP: [0,2] {1} PET: [0,6] {3}	6,3 x 10 <sup>-4</sup>  PP: [0,2] {1} PET: [0,6] {3}
Geonett *** Thickness – mm (mil)  Density [gr/m <sup>3</sup> ]  Tensile Strength [kN/m] (lb/in)	NBR 12569  ASTM D 792  NBR 12824	7 ± 3,9% (280)  0,94  16,60 (92)	7 ± 3,9% (280)  0,94  16,60 (92)	7 ± 3,9% (280)  0,94  16,60 (92)	7 ± 3,9% (280)  0,94  16,60 (92)	7 ± 3,9% (280)  0,94  16,60 (92)	7 ± 3,9% (280)  0,94  16,60 (92)

### Nonwoven Geotextiles available for Geocomposites

Geotextile Properties ***	Test Method	PP (PET)	PP (PET)	PP (PET)
> Mass per Unit Area [gr/m <sup>2</sup> ] (oz/yd <sup>2</sup> )	NBR 12592	200 (6)	300 (8,8)	400 (11,8)
> Grab Test [N] {lb}	ASTM D 46332	800 {176} (800) {176}	1300 {286} (1300) {286}	1800 {397} (1800) {397}
> Puncture Resistance [N] {lb}	NBR 13359	270 {59} (260) {57}	380 {84} (370) {81}	530 {117} (520) {115}
> Max. Opening Size [mm]	AFNOR G 38017	130 (130)	110 (110)	90 (90)

Notes: The table contents are subject to change without notice.

\* Nonwoven geotextile mass per unit area

\*\* Gradient = 0,1 and confining stress = 200 kPa between two steel plates

\*\*\* Individual properties tested prior to the lamination process.

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