

Geomembran

Characteristics	Unit	Value				
		Geostar 750	Geostar 1000	Geostar 1500	Geostar 2000	Geostar 2500
Thickness	mm	0,75±10%	1,0±10%	1,5±10%	2,0±10%	2,5±10%
Band width*	mm	5100±1%				
Mass per unit area	G/m ²	705±10%	940±10%	1410±10%	1880±10%	2350±10%
Density	G/cm ³	≥0,94				
Carbon black content	%	≤3				
Maximum tensile stress: - In longitudinal direction - In transverse direction	MPa	30 (-7) 30 (-7)	30 (-7) 30 (-7)	30 (-7) 30 (-7)	32 (-7) 32 (-7)	32 (-7) 32 (-7)
Relative elongation at break: - In longitudinal direction - In transverse direction	%	≥400 ≥400				
Resistance to static puncture	kN	2,3 (-0,5)	2,4 (-0,5)	2,9 (-0,6)	5,5 (-1,0)	5,5 (-1,0)
Durability: - Oxidation - Weathering - Environmental stress cracking	-	Pass				
Water permeability	(M ³ m ⁻² day ⁻¹)	< 10 ⁻⁶ (product is waterproof)				
Gas permeability-methane	(M ² Pa ⁻¹ s ⁻¹)	≤6x10 ⁻¹⁸				
Resistance to root penetration	-	Pass				
Dangerous substances	-	No contains				
FPC certificate number	-	1023 - CPR - 0302 F				
Sanitary certificate number	-	BK/W/0469/01/2019 (valid until 29-07-2022)				

* or as agreed with customer