

INTENDED USES:

☒		EN ISO 13249:2016 Characteristics required for use in the construction of roads and other trafficked areas	☒		EN ISO 13250:2016 Characteristics required for use in the construction of railways
☒		EN ISO 13251:2016 Characteristics required for use in earthworks, foundations and retaining structures	☒		EN ISO 13252:2016 Characteristics required for use in drainage systems
☒		EN ISO 13253:2016 Characteristics required for use in erosion control works (coastal protection, bank revetments)	☒		EN ISO 13254:2016 Characteristics required for use in the construction of reservoirs and dams
☒		EN ISO 13255:2016 Characteristics required for use in the construction of canals	☐		EN ISO 13256:2016 Characteristics required for use in the construction of tunnels and underground structures
☒		EN ISO 13257:2016 Characteristics required for use in solid waste disposal	☒		EN ISO 13265:2016 Characteristics required for use in liquid waste containment projects

FUNCTIONS:



Characteristic	Test Method	Unit	Nominal Value	Tolerance
Mass per unit area	EN ISO 9884	g/m ²	120	-18
Thickness	EN ISO 9883-1	mm	2 kPa MD CMD DIAG NPD	0.65 3.00 3.00 NPD NPD
Wide-Width tensile strength	EN ISO 10319	kN/m	MD CMD DIAG NPD	40.00 50.00 NPD NPD
Elongation	EN ISO 10319	%	MD CMD DIAG NPD	-20 / +20 -20 / +20 NPD NPD
Energy Index	EN ISO 10319	kN/m	0.68	-0.39
Static puncture resistance	EN ISO 12238	N	500	-100
Dynamic perforation test	EN ISO 13433	mm	>50	
Pyramidal puncture resistance	NF G 38019	kN	NPD	NPD
Supported Pyramidal Puncture Resistance	EN 14574	N	NPD	NPD
Characteristic opening size - O90	EN ISO 12858	µm	80	-30 / +30
Permeability normal to the plane	EN ISO 11058	m/s	0.075	-0.022
Long term protection efficiency	EN 13719	%	300 kPa 600 kPa 1200 kPa NPD	NPD NPD NPD NPD
Water flow capacity in the plane	EN ISO 12958	m ² /s	20 kPa - i=1 100 kPa - i=1 200 kPa - i=1 NPD	NPD NPD NPD NPD
Durability prediction	EN 13249/57:2016, ANNEX B EN 13265:2016, ANNEX B	To be covered within 1 day after installation. Predicted to be durable 5 years in natural soils with 4<ph<9 and soil temperature < 25 °C		
Chemical resistance	EN 14030	Residual strength	MD CMD	NPD NPD
Microbiological resistance	EN 12225	Residual strength	MD CMD	NPD NPD

MD : Machine Direction - CMD : Cross Machine Direction - NPD: No performance determined / declared

TOLERANCE ON ROLL WIDTH: ± 3 cm, TOLERANCE ON ROLL LENGTH: ± 2% IF LENGTH ≤ 200 m, ± 1% IF LENGTH > 200 m.

STANDARD CORES: PAPER, DIAMETER INNER 71mm / OUTER 78mm ± 5%.

TECHNICAL DATA BASED ON STATISTICAL ANALYSIS ON 95% CONFIDENCE LIMIT. PRESENT DATA SHEET CAN BE MODIFIED WITHOUT PRIOR NOTICE.
Producing plant code: EN-36020, Rue Maréchal, 1/15, 35700, Cesson-la-Fontaine, France. (24h/24h FAX)