

CeTeau Drain® CT-D1009

Physical properties		Symbol	Test method	Unit	D1009
Core	Configuration				36 Channels
	Material				PP
Filter	Material				PET
	Color				Gray
Composite	Width		ASTM D3774	mm	98 +/- 3
	Thickness		ASTM D5199	mm	3.0 +/- 0.2
	Unit weight			g/m	69 +/- 3
Mechanical properties					
Filter	Wide width tensile strength	F	ASTM D4595	kN/m	6.5
	Grab tensile strength	F	ASTM D4632	N	410
	Trapezoidal tear strength	F	ASTM D4533	N	100
	Elongation at 1 kN/m	ε	ASTM D4595	%	7.5
	Elongation at break	ε	ASTM D4595	%	39
	Puncture strength	F	ASTM D4833	N	192
	Pore size	O ₉₅	ASTM D4751	μm	75
	Permeability	ψ	ASTM D4491	m/s	14*10 ⁻⁵
	Permittivity	ψ	ASTM D4491	s ⁻¹	0.6
	Composite	Tensile strength	F	ASTM D4595	kN
Tensile strength at 10% strain		F	ASTM D4595	kN	1.5
Elongation at 1 kN		ε	ASTM D4595	%	7.5
Elongation at break		ε	ASTM D4595	%	30
Discharge cap @250 kPa i=0.1, q _w			ASTM D4716	m ³ /sec	65*10 ⁻⁶
Folded 25% @200 kPa i=0.1, q _w				m ³ /sec	40*10 ⁻⁶
Transport details					
	Roll length			m	320
	Diameter			m	1.17
	Weight			kg	22.0

All properties are average values. Standard variations in mechanical strength of 10% and in hydraulic flow and pore size of 20% have to be allowed for.

All information, illustrations and specifications are based on the latest product information available at the time of printing. The right is reserved to make changes at any time without notice.

Discharge tests are performed as described in the ASTM test standard D4716 for index testing. Discharge Capacity calculated considering the calculation presented in ASTM D6918-09, Section 13.2.1.