



Product data sheet

Date: 2020-11-24
Trade name: Triofol NG, building film, 110 my
Manufacturer: Trioplast AB, Smålandsstenar – Sweden
Type of application: Water vapour control layer in building constructions
Material: PELD/PELLD with stabilisation additives for durability
CE- Reference: EN13984, product type A class F
3:rd part. certification: P-mark rules at SITAC, tests at SP for ITT-report

Property	Decl. value	Result	Unit	Method
Water vapour transmission	2,5 * 10 ⁶	Pass	s/m	EN 1931
Reaction to fire	Class F	-	-	EN 13501-1
Water tightness	Water tight	pass		EN 1928
Durability of water vapour resistance against ageing	<20% change	Pass	-	EN 1296 and EN 1931
-Max tensile strength	>25	Pass	MPa	EN 12311-2
-Elongation	>500	Pass	%	/50 mm
Resistance to impact Dartdrop	>250	Pass	g	ASTM D1709D (not a CE ref. method)
Resistance to tear Nail shank	>60	Pass	N	EN 12310-1
Resistance to tear Elmendorf	>6 (MD) >10 (TD)	Pass	N	ISO 6383-2 (not a CE ref. method)
Resistance to alkali	Elongation <20% change	Pass		Annex C and EN 12311-2
Resistance to UV-radiation	Elongation <20% change	Pass		ISO 4892-2, ISO527-3
Length	Nom +- 3%	Pass		EN 1848-2
Width	Nom +- 2%	Pass		EN 1848-2
Thickness, -average - Point to point	> 104 +-15%	Pass Pass	my	EN 1849-2
Mass - variation	103 98 – 108	Pass	g/m ²	EN 1849-2
Straightness	Not tested	Not pass	-	EN 1848-2
Dangerous substances	No dangerous substances	Pass		MSDS
Visible defects	Visible defects	Visible defects		EN 1850-2
Emission	<10	Pass	µg/m ² h	EN 16000-9

This sheet is designed according to EN13984 and contains relevant information to be used for construction calculations. The product is meant to be used as a part of a final building construction and has to be applied according to national laws and regulations.