PRODUCT DATA SHEET

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TS EN 13967

PVC MEMBRANE
P 150

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PRODUCT DESCRIPTION	Homogeneous PVC, artificial lakes and ponds membrane. The material is resistant to direct weather effects, plant roots and chemicals and to UV radiation
PRODUCT COMPOSITION	PVC, coloring substances, filler and chemicals
USAGE	Artificial lakes and ponds, irrigation canals, dams and water structures
APPLICATION METHOD	Applied with special welding machines
TOP SURFACE	Grey signal layer
BOTTOM SURFACE	Grey signal layer
STORAGE	Keep away from direct sunlight
ECOLOGICAL DATA	Can be used in natural atmosphere
STANDART DIMENSIONS	Width: 2,2 m / Length: 20 m

TEST	METHOD	UNIT	TOLERANCE	VALUES
VISIBLE DEFECTS	EN 1850-2	-	-	PASS
THICKNESS	EN 1849-2	mm	±%5	1,5
WATER PERMEABILITY	EN 1928	-	-	Waterproof
WATERTIGHTNESS TO LIQUID WATER	EN 1296, EN 1928	-	-	Waterproof
TENSILE STRENGTH (Transverse / Longitudinal)	EN 12311-2 (Method B)	N/mm^2	Min.	15 / 16
ELONGATION AT BREAK (Transverse / Longitudinal)	EN 12311-2 (Method B)	%	Min.	250 / 250
RESISTANCE TO IMPACT	EN 12691	mm	Min.	450
TEAR RESISTANCE (NAIL SHANK)	EN 12310-1	N	Min.	300
RESISTANCE TO STATIC LOAD	EN 12730	kg	-	≥ 20
REACTION TO FIRE	EN 13501-1	-	-	E
JOINT STRENGTH	EN 12317-2	N/50mm	Min.	600
JOINT PEEL RESISTANCE	EN 12316-2	N/50mm	Min.	180
DIMENSIONAL STABILITY	EN 1107-2	%	-	≤ 2
EFFECTS OF LIQUID CHEMICALS, INCLUDING WATER (28 days/23°C)	EN 1847, EN 1928, Method B	-	-	Resistant
DETERMINATION OF WATER VAPOR TRANSMISSION	EN 1931	µ	-	≥ 18.000 ± 30 %
FOLDABILITY AT LOW TEMPERATURE	EN 495-5	°C	Min.	-20

* For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet

The manufacturer reserves the right to modify, at any time, the characteristics of its products