Edicar Plásticos
Láminas sintéticas

cefil POOL

CEFIL POOL RPL 150 TESELA

DESCRIPTION: REINFORCED, PRINTED AND LACQUERED MEMBRANE WITH INCREASED PROTECTION AGAINST STAINING AND ABRASION OF1.5 MM OF THICKNESS. MICROORGANISMS RESISTANT. APPLICATION OF A PROTECTIVE ACRYLIC LACQUER ON THE TOP LAYER.
APPLICATION: SWIMMING POOLS APPLICATIONS. USEFUL FOR OUTDOOR APPLICATIONS ACCORDING TO THE EUROPEAN STANDARD EN 15836-2 – PLASTICS-PLASTICIZED POLY(VINYL CHLORIDE) (PVC-P) MEMBRANES FOR INGROUND SWIMMING POOLS – PART 2: REINFORCED MEMBRANES OF NOMINAL THICKNESS EQUAL TO OR GREATER THAN 1.5 MM.

TABLE 1- CHARACTERISTICS OF THE MEMBRANE

CHARACTERISTIC	TEST METHOD	VALUE
DENSITY	EN 1849-2	1800 + 100 g/m2
WATER ABSORPTION	EN ISO 62:08	≤ 1% OF MASS
CaCO3 CONTENT	ATOMIC ABSORPTION	≤ 3% OF MASS

TABLE 2- DIMENSIONAL CHARACTERISTICS

CHARACTERISTIC	TEST METHOD	VALUE
MEAN THICKNESS (mm)	EN 1849-2	1.5 (-5, +10%)
THICKNESS IN THE NET CROSS (mm)	EN 1849-2	≥ 0.3
WIDTH (mm)	EN 1848-2	NOM ± 5 mm
FLATNESS (mm)	EN 1848-2	≤ 10
LINEARITY (mm)	EN 1848-2	≤ 30

TABLE 3- MECHANICAL CHARACTERISTICS

CHARACTERISTIC	TEST METHOD	VALUE
TENSILE STRENGHT (N/50 mm)	EN 12311-2 A	L,T ≥ 1100
ELONGATION AT BREAK (%)	EN 12311-2 A	L, T ≥ 15
JOINT STRENGHT, PEEL RESISTANCE (N/50 mm)	EN 12316-2	L,T ≥ 80
TEAR RESISTANCE(N)	EN 12310-2	L,T ≥ 180
DIMENSIONAL STABILITY (%)	EN 1107-2	L, T ≤ 0.5
RESISTANCE TO FOLDABILITY AT LOW TEMPERATURE (-25ºC)	EN 495-5	WITHOUT CRACKS
PEEL RESISTANCE OF JOINTS(N/50 MM)	EN 12316-2	≥ 80
GLIDING RESISTANCE	Annex B	≥ 24º

TABLE 4- CHARACTERISTICS FOR DURABILITY

CHARACTERISTIC	TEST METHOD	VALUE
RESISTANCE TO AN ARTIFICIAL AGEING OF 19 GJ/M2 (6000 H)	EN ISO 4892-2:2006 MET. A CYCLE Nº 1	≥ 3 ACCORDING EN 20105-A02
RESISTANCE TO ACTION OF MICROORGANISMS	EN ISO 846:97 / D	MASS LOSS ≤ 1%
RESISTANCE TO STREPTOVERTICILIUM RETICULUM BACTERIA ATCC 25607	EN ISO 846:97 / C	WITHOUT STAINS
CHLORINE RESISTANCE	EN 15836 ANNEX C	RATING ≥ 3
RESISTANCE TO STAINING AGENTS	EN 15836 ANNEX D	RATING ≥ 4