FIŞĂ TEHNICĂ: POLYETHYLENE SHEET (Recycled White + UV)1100X0.2 F

OBTAINING: RC UV protection films are obtained from LDPE granules (by coextrusion) made in the dimensions requested by the customer 1100x0.2
RAW MATERIAL USED: Transparent Recycled LDPE polyethylene granules with coloring and UV additive
RC UV protection films are delivered in a flattened state, not folded laterally.
PRODUCT TYPE RC UV protective films have long-term resistance to solar exposure (due to the UV additive) and are used both in construction and in other types of industrial protection.

CHARACTERISTIC	**U/M**	**VALUE**			**TEST METHOD**
appearance		RC UV protective films must be smooth, with slight traces of impurities and other visible mechanical aspects, without stains; longitudinal stripes and slight wrinkles from winding are allowed and the packaging is done in a roll, and the walls of the tube must be easily opened by hand (where applicable).			**vizual**
Culoare		WHITE			**vizual**
Tip	-	**Industrial**	**Industrial**	**industrial**	-
Thickness	mm	0.2	-	-	SR ISO 4593:1993
Width	mm	1100	-	-	ST 16/2003
Guarantee	Month	8	-	-	INTERN
Weight	Kg	40	-	-	INTERN
Tensile strength of the weld (minimum value)	Kgf/m^2	380	-	-	SR EN ISO 527-1:2000 SR EN ISO 527-2:2000
MELTING INDEX (190 oC / 2.16 kg)	g/10min	0,200-0,400			ASTM D1238
NOMINAL DENSITY (23 oC)(	g/cm^3	0,918-0,924			ASTM D792
Longitudinal tensile strength of the foil (minimum value)	%	290/320	290/320	-	SR EN ISO 527-3

Mechanical characteristics (according to the raw material data sheet)
1) The average value of the physical/mechanical/thermal properties is measured on standard specimens obtained by compression (ASTM D4703/C), conditioned at room temperature (ISO 291).
2) Periodic tests.
3) Batch tests.
4) Mixed foil strength testing procedures:

-testing with special devices to verify resistance parameters
- heat treatment followed by refrigeration;
- by the action on water activity
- by the action of air pressure
- by the action of weights on the packaging (the elongation and puncture resistance of the packaging are tested)

Note: Depending on the raw material manufacturer, storage conditions and temperatures, the method and field in which the film is used, the effective values in the table presented above may differ from the real ones.

PACKAGING AND MARKING:
RC UV protection films are delivered packaged in rolls. Each roll is marked with elements that allow identification according to: size, number of units/roll, batch/date of manufacture, manufacturer, etc. The weight displayed on the label is the gross weight, and the tubes (cardboard or plastic) are not returned to the manufacturer
STORAGE AND HANDLING

RC UV protective films are stored in covered, clean and dry warehouses, protected from direct sunlight and at a distance of at least 2 meters from any heat source, without coming into direct contact with chemical substances or vapors that may degrade the product or negatively modify the physical-mechanical and qualitative parameters. The handling of the film rolls is done in compliance with the PM and PSI norms in force.

TRANSPORTATION of products is done by packaging on pallets, insured during transport according to the requirements in force

Transport vehicles must be covered and have a smooth floor.

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