



MP3 TECHNICAL SHEET

ACRYLAC 700 OX

This product is obtained by means of an extrusion process of layers of ABS (copolymer of ACRYLONITRILE, BUTADIENE, STYRENE) and of impact modified PMMA (polymer of METHYLMETHACRYLATE). The choice of ABS allows attaining good mechanical strength, good rigidity, and very good physical properties in the coextruded sheet. The layer of PMMA gives the product an excellent appearance, high resistance to abrasion, and protection from UV rays in the outdoor use, where it slows ageing and colour change. Its good chemical resistance to materials utilized for the assembling of components makes it particularly suitable for use in the caravan, transport and building sectors. It is extruded in sheets in a wide range of colours, smooth and in different types of embossing grains.

PROPERTY	TEST METHOD			VALUE	
	ISO	DIN	ASTM		
SPECIFIC WEIGHT	1183	53479	D-792	1,10	g/cm ³
MECHANICAL PROPERTIES					
Yield strength	R-527	-	D-638	37	Mpa
Elastic modulus	R-527	-	D-638	1800	Mpa
Ultimate tensile strength	R-527	-	D-638	31	Mpa
Charpy +23°C impact side: PMMA	179/1fA	-	-	23	Kj/m ²
Charpy -25°C impact side: PMMA	179/1fA	-	-	19	Kj/m ²
Charpy +23°C impact side: ABS	179/1fA	-	-	12	Kj/m ²
Charpy -25°C impact side: ABS	179/1fA	-	-	6	Kj/m ²
THERMAL PROPERTIES					
Vicat	306A		D-1525-B	110	°C
Heat Deflection Temperature (A)	75/A	53461-A	D-648	100	°C

To the best of our present knowledge, these data refer to controls on productions of this material and on internal tests carried out by our laboratory. Correct processing of the material during production of the finished article is essential to maintain the special characteristics of the product.

The information and data cited here do not constitute nor imply, in general terms, any guarantee or obligation on the part of MP3. We are willing to agree guarantee terms based on the specific product purchased.

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