



TECHNICAL SHEET MP3

LAC500

This product is obtained by a process of extrusion of layers of ABS (copolymer of STYRENE, BUTADIENE, ACRYLONITRILE). It is characterised by medium mechanical strength, high rigidity, and good physical properties. It is extruded in sheets in a wide range of colours, glossy and in two different sizes of opacity, smooth and in different sizes of embossing grains. On request it can be supplied with a UV protection treatment which slows its ageing and colour change. It is manufactured on request in compliance with the requirements of DIRECTIVE 2002/72/CE "Plastic materials intended to come into contact with food" and its amendments and accompanied by the corresponding declaration of suitability.

PROPERTY	TEST METHOD			VALUE	
	ISO	DIN	ASTM		
SPECIFIC WEIGHT	1183	53479	D-792	1,05	g/cm ³
TRACTION					
Yield strength	R-527	-	D-638	47	N/mm ²
Elastic modulus	R-527	-	D-638	2000	N/mm ²
Ultimate tensile strength	R-527	-	D-638	37	N/mm ²
IMPACT STRENGTH					
Notched-bar Charpy strength at 23°C	179/1fa	53453	-	24	KJ/m ²
Notched-bar Charpy strength at -25°C	179/1fa	53453	-	21	KJ/m ²
SOFTENING TEMPERATURE					
Vicat	306A		D-1525-B	109	°C
HDT A	75/A	53461-A	D-648	104	°C

To the best of our present knowledge, the data refers to the neutral material (uncoloured and without additives) and is only indicative, since the properties of the finished product, in comparison with the properties of the granular materials, can undergo variations due to the processes of extrusion, thermoforming, and ageing, and to the presence of colorants and additives.

The information and data cited here do not constitute nor imply, in general terms, any guarantee or obligation on the part of MP3.

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