

PROPERTIE	VALUE	UNITS	TEST METHOD
GENERAL			
DENSITY (1)	1.19	g/cm ³	ISO 1182, Method A,C o D
WATER ABSORPTION	0.50(2)	%	UNE-EN ISO 62, Method 1 (24h, 23°C)
CALORIFIC POWER (760 MM AND 0°C)	1.255	kJ/Kg °C	-
LGNITION TEMPERATURE TI	300	°C	ASTM-1929
SELF-IGNITION TEMPERATURE TAI	430	°C	
REACTION TO FIRE BY RADIATION	M4	-	UNE-23-727
THERMAL			
SPECIFIC HEAT	0.35	cal/g °C	-
HEAT CONDUCTIVITY	4,5 x 10 ⁻⁴	cal cm/cm ² seg °C	DIN52612
HEAT TRANSMISSION COEFFICIENT K 3 MM	5.50	kcal/m ² h °C	-
SOFTENING TEMPERATURE VICAT	118	°C	UNE-EN ISO 306 Method A50
TEMPERATURE FOR BUCKLING UNDER LOAD	98	°C	UNE-EN ISO 75/2-A
RECOMMENDED MOULDING TEM- PERATURE	150 - 170	°C	-
MAXIMUM SERVICE TEMPERATURE	80 - 85	°C	IRPEN
FLAT SHEET			
MOULDED PART	75 - 80		
LINEAR DILATION COEFFICIENT	7 x 10 ⁻⁵	K ⁻¹	ISO 11359-2
DIMENSIONAL VARIATIONS AT HIGH TEMPERATURE (CONTRACTION)	Max. 2,5	%	UNE-EN ISO 7823-1 Schedule A
MECHANICAL			
TENSILE STRENGTH	Min. 70	Mpa	UNE-EN ISO 527-2/1B/5
MODULUS OF ELASTICITY IN TRAC- TION	Min. 3000		
DEFORMATION IN TRACTION	Min. 4	%	
FLEXURA! STRENGTH	110	Mpa	UNE-EN ISO 178
RESISTANCE TO CHARPY IMPACT (TEST PIECE NOT NOTCHED)	Min. 13	kJ/m ²	ISO 179/1 Fu
ROCKWELL HARDNESS	100	Escala M	UNE-EN ISO 2039-2
FRICTION COEFFICIENT	0.80	°C	IRPEN
PMMA / PMMA			
PMMA / STEEL	0,48 - 0,55		

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OPTICAL			
Light transmission at 420mm (3)			
Before exposure to a xenon lamp	Min. 90	%	ISO 13468-2
After exposure to a xenon lamp during 1000h	Min. 88		
Turbidity	1	%	ISO 14782
Refractive index	1.49	-	UNE-EN ISO Method A
ACOUSTIC			
Soundproofing			
4mm	24	dB	DIN 52210
6mm	27		
10mm	29		
20mm	32		
ELECTRICAL			
Specific transversal resistance	Mi. 1015	Ω Cm	DIN VDE 0303 P3
Dielectric strength Ed (1 mm test piece)	30	kV/mm	DIN VDE 0303 P2
Dielectric constant			
50 Hz	3.5		DIN VDE 0302 P4
106 Hz	2.6		
Dielectric constant			
50 Hz	5 x 10-2		DIN VDE 0303 P4
106 Hz			
ENVIRONMENTAL INFORMATION			
No use of CFCs			
COMPLIANCE WITH ROHS DIRECTIVE			
Policril PO 01 colors 010001, 120001, 120002, 120003, 130001, 210002, 220002, 310002, 410001, 610001, 720002 and 910042 for thicknesses between 2 and 10 mm comply with Directive 2002/95/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment			