

GENERAL FEATURES	Method	Unit	Value
Density	ISO 1183-1	gr / cm ³	1,19
Water absorption	ISO 62	%	0.5
Rockwell hardness	ISO 2039-2		M scale 103 ± 0.4
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MECHANICAL FEATURES			
Flexibility module in pulling	ISO 527-2 / 1B / 1	MPa	3065
Tensile strength	ISO 527-2 / 1B / 5	MPa	78.1
Tensile elongation	ISO 527-2 / 1B / 5	%	4,2
Flexural modulus	ISO 178	MPa	3610
Flexural strength	ISO 178	MPa	127.8
Impact Strength			
Izod- unnotched	ISO 180 / U1	KJ / kg	14,8
Izod- notched	ISO 180 / A1	KJ / kg	1,7
Charpy- unnotched	ISO 179-1 FU	Kj / kg	19,8
Charpy- notched	ISO 179-1 EA	Kj / kg	1,4
THERMAL FEATURES			
Vicat softening temperature	ISO 306	° C	Min.110
Linear expansion coefficient	ISO 11359-2	mm / m ° C	7x10-5
Bending temperature under load	ISO 75-2 / A	° C	104.58
Size change with heating	Annex a	%	2,4
OPTICAL FEATURES			
Light transmittance	ISO13468	%	91
Haziness	ISO14782	%	0.5
Refractive index	ISO 489		1,49