

- ABS NAT-

PROPERTIES	UNIT	TEST METHOD	VALUES
<u>Physical</u>			
unreinforced			
Density	g/ml	ASTM D792	1.04
Mould shrinkage	%	ASTM D955	0.4 – 0.6
Water absorption	%	ASTM D570	0.3 – 0.5
<u>Mechanical</u>			
Impact Izod notched (12.7 x 12.7) à 23°C	Kj/m ²	ASTM D256-A	16
Tensile stress at yield	Kgf/cm ²	ASTM D638	400
Tensile stress at break	Kgf/cm ²	ASTM D638	350
Tensile strain at yield	%	ASTM D638	2.9
Tensile strain at break	%	ASTM D638	40
Tensile modulus	Kgf/cm ²	ASTM D638	23 000
<u>Thermal</u>			
Vicat 10 N at 50°C/h	°C	ISO R 306	103
Vicat 50 N at 50°C/h	°C	ISO R 306	94
HDT at 1.80 MPa	°C	ASTM D648	86
<u>Electrical</u>			
Surface resistivity	Ohm x 10 ¹⁴	ASTM D257	0.6
Relative permittivity		ASTM D150	2.8
Dissipation factor		ASTM D150	0.009

The values indicated are it with titles codes and do not engage to in no case the responsibility for company PHT



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