

# - ABS BLACK-

PROPERTIES	UNIT	TEST METHOD	VALUES
<b><u>Physical</u></b>			
unreinforced			
Density	g/ml	ASTM D792	1.04
Mould shrinkage	%	ASTM D955	0.4 – 0.6
Water absorption	%	ASTM D570	0.3 – 0.5
<b><u>Mechanical</u></b>			
Impact Izod notched (12.7 x 12.7) à 23°C	Kj/m <sup>2</sup>	ASTM D256-A	16
Tensile stress at yield	Kgf/cm <sup>2</sup>	ASTM D638	400
Tensile stress at break	Kgf/cm <sup>2</sup>	ASTM D638	350
Tensile strain at yield	%	ASTM D638	2.9
Tensile strain at break	%	ASTM D638	40
Tensile modulus	Kgf/cm <sup>2</sup>	ASTM D638	23 000
<b><u>Thermal</u></b>			
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
<b><u>Electrical</u></b>			
Surface resistivity	Ohm x 10 <sup>14</sup>	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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