

- PES A G / 20 3302 -

PROPERTIES	UNIT	TEST METHOD	VALUES
<u>Physical</u>			
Glass reinforced 20%			
Density	g/cm ³	ASTM D 1505	1.51
Water absorption at 24H	%	ASTM D 570	0.45
Coefficient of thermal expansion	ppm/°C	ASTM D696	31
<u>Mechanical</u>			
Tensile modulus	GPa	ASTM D-638	5.69
Tensile stress	MPa	ASTM D-638	109
Elongation	%	ASTM D-638	3.2
Flexural stress	MPa	ASTM D-790	162
Flexural modulus	GPa	ASTM D-790	6.55
Impact Izod (3.2 mm)	J/m	ASTM D-256	59
<u>Thermal</u>			
HDT / Af at 1,80 MPa	°C	ASTM D-648	204
Indices thermal	°C	UL 746-B	170
UL 94 rating flame class rating / at mm thickness	Class (mm)	UL 94	V0 (0.79)
<u>Electrical</u>			
Dielectric strength (3.2 mm)	kV/mm	ASTM D-149	17
Dielectric constant at 60 Hz	-	ASTM D-150	3.84
Dielectric constant at 1 KHz	-	ASTM D-150	3.84
Dielectric constant at 1 MHz	-	ASTM D-150	3.88
Dissipation factor at 60 Hz	-	ASTM D-150	0.0015
Dissipation factor at 1 KHz	-	ASTM D-150	0.0018
Dissipation factor at 1 MHz	-	ASTM D-150	0.0081

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



PLASTIQUES HAUTES TECHNOLOGIES
 ZA de Malvaisin - 58 rue du Vercors – 38240 LE VERSOUD
 Tél (33) 04 76 776 990 - Fax (33) 04 76 776 994