

# - RADEL AG 330 NT -

PROPERTIES	UNIT	TEST METHOD	VALUES
<b><u>Physical</u></b>			
Glass reinforced 30%			
Density		ASTM D792	1.58
Water absorption at 24H	%	ASTM D570	0.39
Coefficient of thermal expansion	ppm/°C	ASTM D696	31
<b><u>Mechanical</u></b>			
Tensile modulus	GPa	ASTM D-638	8.62
Tensile stress	MPa	ASTM D-638	130
Elongation	%	ASTM D-638	1.9
Flexural stress	MPa	ASTM D-790	180
Flexural modulus	GPa	ASTM D-790	8.62
Impact Izod (3.2 mm)	J/m	ASTM D-256	75
<b><u>Thermal</u></b>			
HDT / Af at 1,80 MPa	°C	ASTM D-648	207
Indices thermal	°C	UL 746-B	170
UL 94 rating flame class rating / at mm thickness	Class (mm)	UL 94	V0 (0.79)
<b><u>Electrical</u></b>			
Dielectric strength (3.2 mm)	kV/mm	ASTM D-149	17
Dielectric constant at 60 Hz	-	ASTM D-150	4.11
Dielectric constant at 1 KHz	-	ASTM D-150	4.13
Dielectric constant at 1 MHz	-	ASTM D-150	4.17
Dissipation factor at 60 Hz	-	ASTM D-150	0.0019
Dissipation factor at 1 KHz	-	ASTM D-150	0.0018
Dissipation factor at 1 MHz	-	ASTM D-150	0.0094

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



**PLASTIQUES HAUTES TECHNOLOGIES**

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