

# - RYTON R4 232 NA -

PROPERTIES	UNIT	TEST METHOD	VALUES
<b><u>Physical</u></b>			
Glass reinforced 40% - FDA			
Density	g/cm <sup>3</sup>	ASTM D1505-68	1.68
Water absorption 24h at 25°C	%	ASTM D570-63	0.02
<b><u>Mechanical</u></b>			
Tensile stress	MPa	ISO 527	170
Tensile strain at break	%	ISO 527	1.3
Flexural modulus	GPa	ISO 178	14
Flexural strength	MPa	ISO 178	245
Izod impact 3.2 mm unnotched	KJ/m <sup>2</sup>	ISO 180U	25
Izod impact 3.2 mm notched	KJ/m <sup>2</sup>	ISO 180A	9
<b><u>Thermal</u></b>			
HDT 1.81 MPa	°C	ISO 75	>260
Relative temperature index	°C	UL 746B	200 / 220
Thermal conductivity	W/m,°C		0.31
Flammability UL94	Class	UL 94	V0 / 5V
Oxygen index	%	ASTM D2863-74	-
<b><u>Electrical</u></b>			
Dielectric strength at 3.2 mm	kV/mm	ASTM D149-64	20
Dielectric constant 25°C, 1 kHz		ASTM D150-70	3.9
Dielectric constant 25°C, 1 MHz		ASTM D150-70	3.8
Dissipation factor 25°C, 1 kHz		ASTM D150-70	0.002
Dissipation factor 25°C, 1 MHz		ASTM D150-70	0.003
Volume resistivity	Ohm,cm	ASTM D257-66	1 x 10 <sup>16</sup>
Arc resistance	sec	ASTM D495-73	125
Hot wire ignition	Volt	UL 746A	150

*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