

- RYTON R4 230 BL -

PROPERTIES	UNIT	TEST METHOD	VALUES
<u>Physical</u>			
Glass reinforced 40%			
Density	g/cm ³	ASTM D1505-68	1.65
Water absorption 24h at 25°C	%	ASTM D570-63	0.02
<u>Mechanical</u>			
Tensile stress	MPa	ISO 527	155
Tensile strain at break	%	ISO 527	1.0
Flexural modulus	GPa	ISO 178	14
Flexural strength	MPa	ISO 178	210
Izod impact 3.2 mm unnotched	KJ/m ²	ISO 180U	20
Izod impact 3.2 mm notched	KJ/m ²	ISO 180A	8
<u>Thermal</u>			
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	-
<u>Electrical</u>			
Dielectric strength at 3.2 mm	kV/mm	ASTM D149-64	20
Dielectric constant 25°C, 1 kHz		ASTM D150-70	3.8
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 ¹⁶
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



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