map - tecnica (p.t.f.e. products and engineering polymers)

Material Specification (typical properties) | Rev. date : 07 / 2020 - Ed.1

Product : **Marlòn - EA** | Type : PTFE based material , filled Glass Fibres with Inorganic mixture

PROPERTIES	UNITS	RANGES	METHODS
Specific Gravity	g / cm^3	2 , 2 5 + / - 0, 0 5	ASTM - D 792
Colour		dull dark turquoise	Visual
Water Absorption	%	0 , 0 0	ASTM - D 570
Tensile Strength	MPa	> 1 5 , 2	ASTM - D 4894
Ultimate Elongation (@ break)	%	> 2 0 0 , 0	ASTM - D 4894
Hardness	Shore , D	> 5 5 , 0	ASTM - D 2240
Permanent deformation under load 140 kg / cm^2 x 24 hr . Relaxation @ RT	%	3 , 0 - 4 , 0	ASTM - D 621
Deformation under load **140** kg / cm^2 x 24 hr (@ RT)	%	7 , 0 - 8 , 0	ASTM - D 621
Operating Temp. (Limited to load)	°C	- 2 0 0 / + 2 8 0	
Volume resistivity	Ohm · cm	> $1\,0^{14}$	ASTM - D 257
Surface resistivity (U.R. 100%)	Ohm	> $1\,0^{13}$	ASTM - D 257

Notes : Where not otherwise specified , all test values registered at room temperature (RT , 20 / 23°C) .

Above data represent an average of values obtained from samples in laboratory tests. Must be used as a guide only at your risk and discretion. For specific applications , please contact our Technical Department .

COMPANY QUALITY SYSTEM CERT. ICIM N.4167/0 current issue 2006/09/21 expiry date 2008/05/10 UNI EN ISO 9001 ed. 2000