



GETELEC

We protect your electronics

# RIGID MICROWAVE ABSORBERS

## GT 502

GT502 is a microwave absorbent material and depending on its use shape by molding and cutting, the performance of TOS in the useful band Ka are located between -21dB and -30dB. Developed by our laboratory, it is composed of a carbonyl iron sphere of small diameter in a suitable resin.

- Flowing and moulding are carried out under vacuum to reduce any porosity

- Reproducibility is ensured through rigorous monitoring of constituents, particularly those of the resin formulation.

- The mixture's homogeneity is ensured by a complex mixing system perfected by Getelec

Characteristics	GT 502
Working temperature °C	-160°C to +200°C
Density g/cm <sup>3</sup>	4.57
Hardness shore D	95
Thermal conductivity W/m.K	1.7
Tensile strength (Mpa)-NF EN ISO 527-1	56
Elongation at break (%)-NF EN ISO 527-1	2.4
Water absorption	Insignifiant
TML (%)	0.206
RML (%)	0.124
CVCM (%)	0.004
ESA compliance - ECSS-Q-ST-70-02C	Yes

Attenuation in transmission

