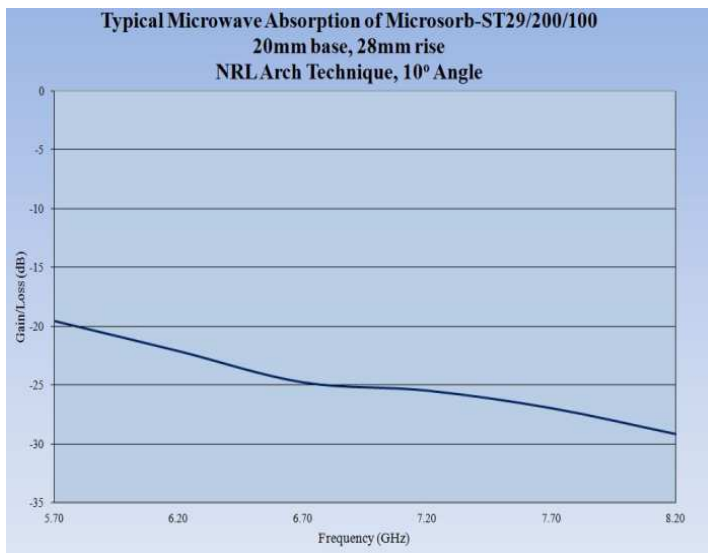


**Microsorb ST29/200/100** is an open cell polyether foam impregnated with specially formulated acrylic binder containing a high loading of conductive carbon. The binder is formulated for optimum carbon retention to produce a low shedding product. The foam can be supplied in flat sheet or profiled sheets for improved microwave absorption.

Property	Typical Result
Nominal Thickness (mm)	20mm base, 28mm rise (Profiled) 50mm flat sheet (Flat Sheet)
Nominal Density (kgm <sup>-3</sup> )	29
Surface Resistance	<1.0 kΩ
Operating Temperature	Minimum -30°C Maximum intermittent +110°C Continuous +80°C
Microwave Absorption (NRL Arch technique, 10° angle) Profiled foam nominally 20mm base, 28mm rise	-19dB minimum absorption from 5.9 to 8.2GHz <sub>z</sub>



### Applications

- Telecommunication Domes and Antennae
- RAM panels for military use

