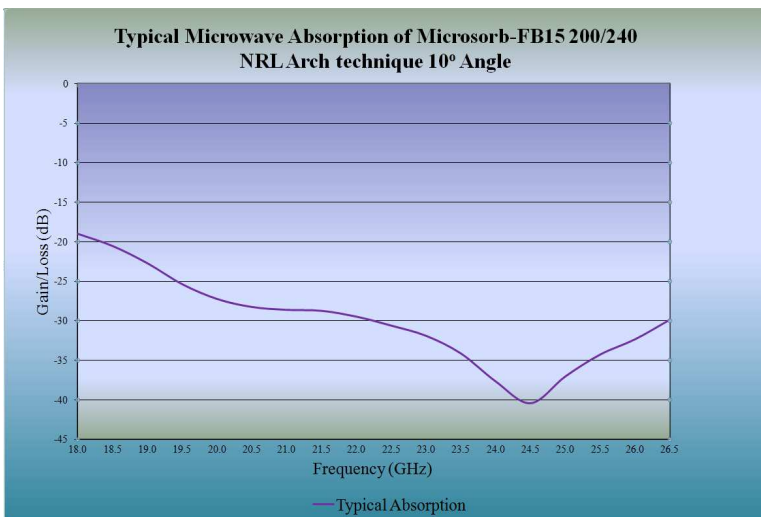


**Microsorb FB15/200/240** is a non-woven needled polyester fibre impregnated with specially formulated acrylic binder containing a high loading of conductive carbon, the impregnation process gives a differential loading of carbon from front to rear to minimize reflection. The binder is formulated for optimum carbon retention to produce a low shedding product. The fibre is available in sheet material or cut parts.

Property	Typical Result	
Nominal Thickness (mm)	30	
Nominal Unit Weight (gm <sup>-2</sup> )	750 Minimum	
Surface Resistance	Front (soft side)	2 - 4 kΩ
	Back (hard side)	<1.0 kΩ
Operating Temperature	Minimum -30°C Maximum intermittent +110°C Continuous +80°C	
Microwave Absorption (NRL Arch technique, 10° angle)	-16dB minimum absorption from 18GHz <sub>z</sub>	



### Applications

- Telecommunication Domes and Antennae
- RAM panels for military use

