

### DÜNNER BREITBAND MILLIMETER WAVE ABSORBER

Eccosorb MMI ist ein flexibler Absorber auf Basis dielektrischer Verlustfüller. Es bietet eine hervorragende Leistung zwischen 40 - 100 GHz. Aufgrund der chemischen Natur des dielektrischen Pigmentsystems ist keine Oxidation möglich. Daher widersteht das Produkt sehr gut den Bedingungen im Freien.

#### EIGENSCHAFTEN UND VORTEILE

- Millimeterwelle
- Flexibel
- Dünn
- Hochfrequenzanwendungen
- Excellent outdoor exposure

#### MÄRKTE

- Automotive
- Commerzielle Telekommunikation
- Medizintechnik
- Industrielle Anwendungen

### SPECIFICATIONS

TYPICAL PROPERTIES	ECCOSORB MMI
Weight (1mm thickness)	2.2 kg/m <sup>2</sup>
Water absorption	Impervious to water
Service Temperature °C(°F)	-55 to 165 (-67 to 329)
Frequency Range	≥ 6 GHz
Fire Retardancy	UL94 V-1

*Data for design engineer guidance only. Observed performance varies in application. Engineers are reminded to test the material in application.*

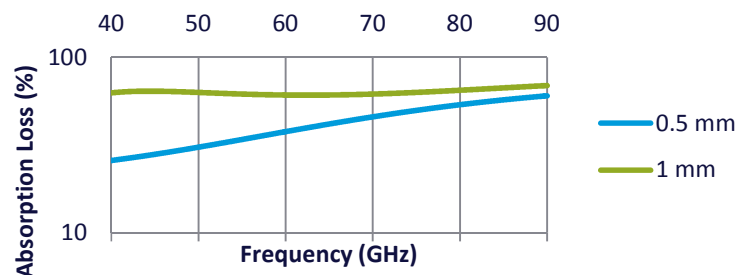
### APPLICATIONS

- Eccosorb MMI has been applied successfully in automotive applications for collision avoidance and blind spot detection.
- 4G and 5G macro and microcell networks including backhaul and P2P
- Imaging/probing equipment that uses electromagnetic energy

### AVAILABILITY

- Standard sheet size is 30 cm x 30 cm, thickness 0.5 or 1 mm. Customized shapes and thicknesses can be supplied, as well as sheets with self-adhesive backing (suffix -SA).

#### ECCOSORB MMI



Italia: +39 039 6042234  
Francia: + 33 1 41735417  
Germania: +49 8031 35211-0  
Cina: +86 21 37565597  
Usa: +1 803-892-2822  
Messico: + 52 33 13 68 04 69

[www.euro-technologies.eu](http://www.euro-technologies.eu)

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