



FLEXIBLER SPRITZGUSSFÄHIGER THERMOPLASTISCHER ABSORBER

Ecosorb MF-TPE stellt eine Familie von spritzgegossenen Absorbern dar, die auf einer flexiblen thermoplastischen Matrix mit hohen magnetischen Verlustleistungen basieren. Daher ist Ecosorb MF-TPE eine Alternative zu Ecosorb MF-PP, wenn Flexibilität erforderlich ist. Beide Produkte sind die ideale Wahl für Anwendungen mit mittleren bis hohen Stückzahlen.

EIGENSCHAFTEN UND VORTEILE

- Thermoplastisches Polymer, das für spritzgegossene Prozesse geeignet ist
- Das Spritzgießen ist ideal für komplexe Formen und Anwendungen mit hohen Stückzahlen - führt zu niedrigeren Teilkosten
- Umweltfreundlich, RoHS / Reach-konform

MÄRKTE

- Telekommunikationsinfrastruktur und drahtlose Netzwerke
- Automotive-Radar
- Satellitenkommunikation
- Militärelektronik
- Industrielle Instrumente
- Medizintechnik

SPECIFICATIONS

TYPICAL PROPERTIES	ECCOSORB MF-TPE
Tensile Strength (MPa)	6
Service Temperature °C (°F)	85 (185)
Density (g/cm³)	4.1
Hardness (Shore A)	60
Elongation %	1800

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

APPLICATIONS

- Eccosorb MF-TPE products can be used as attenuator and termination in waveguides, coaxial or stripline application.
- Other applications include phase shifters in phased array antennas and structural covers to suppress interferences

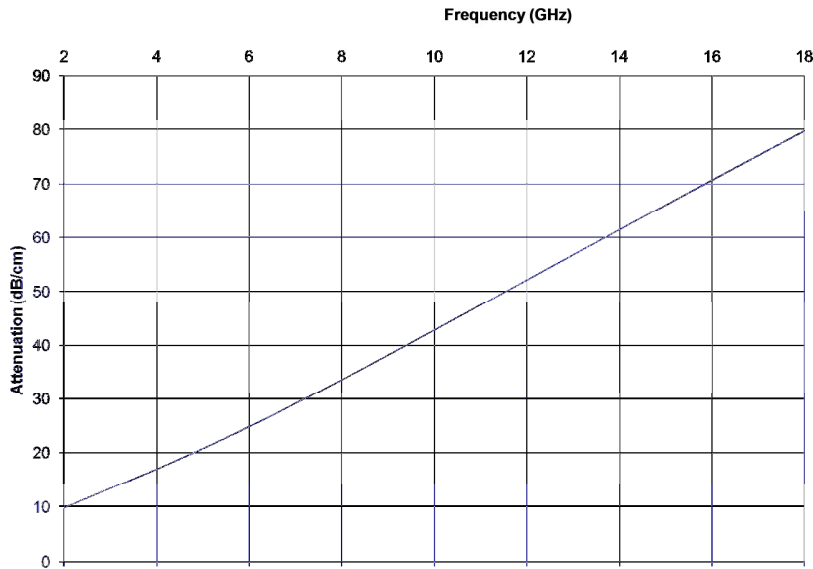
AVAILABILITY

- Eccosorb MF-TPE-120 is the standard available grade. Other grades with intermediate losses are available upon request.

Our application engineers will assist the customer in the complete process, from design to final product. The customized solutions mostly come with a smart mechanical fixing so that no glue is required.



Typical attenuation of Eccosorb MF-TPE-120



RFP-DS-MF-TPE 093015

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