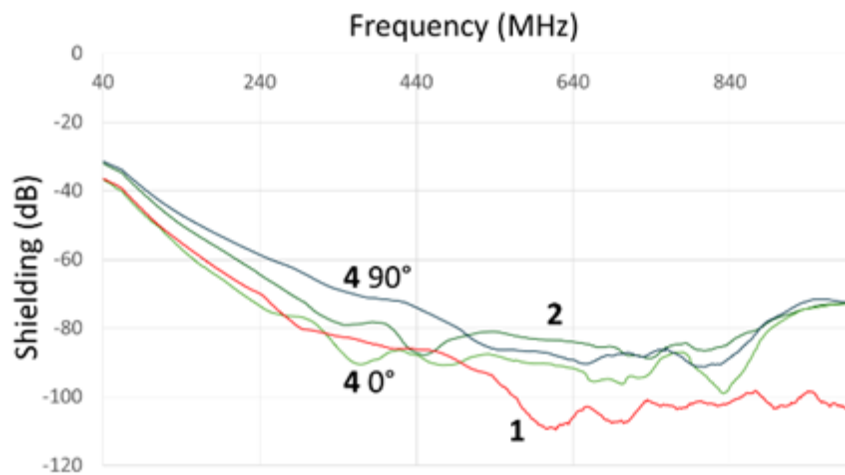


**CF/PP and CF/PA6 materials with excellent shielding properties up to 110 dB in the range of 40-1000 MHz (ASTM ES 7:1983)
New shielding concept in the field of very low resonance effect**



CF/PP and CF/PA6 hybrid nonwovens and semifinished products made therefrom



Shielding up to 110 dB in ASTM ES 7:1983 in the MHz range.

The new EM shielding philosophy aims towards a completely new development of high-tech multilayer materials. In the outcome, the new CFRP absorber material shall provide significant advantages, such as:

- Lower shielding resonance hazards, low resonance effects
- Very high shielding effect about 110 dB at 600 MHz to 1000 MHz
- High mechanical stability
- Multilayer with absorption layer, frequency range kHz – MHz – GHz
- Lightweight material structures for automotive, aerospace, industrial and communication applications

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on the basis of a decision by the German Bundestag

