



TECHNICAL BULLETIN 320-6

HIGH TEMPERATURE POLYIMIDE FOAM ABSORBER

C-RAM CCM is a lightweight flexible radar absorbing material especially formulated for high temperature service. The absorber panels are made of flexible, open-cell, polyimide plastic foam impregnated with a lossy coating. C-RAM CCM-93 is the only available grade, with properties described in the table below. Custom grades can be produced; contact our Technical Service group.

TYPICAL PROPERTIES

Nominal reflectivity: -17 dB, 6 - 18 GHz
Thickness: 0.375"
Sheet size: 12 x 12 inch
Service Temp, °F: 500
Weight: 0.4 lb/ft²

These materials are somewhat flexible. They can be cut with a sharp knife. Bonding to surfaces is readily accomplished using one part RTV silicone rubber. The front surface is black, the rear surface is marked.

The information in this Technical Bulletin, although believe to be accurate, is not to be taken as a warranty for which Cuming Corporation assumes legal responsibility, nor as permission or recommendation to practice any patented invention without license; it is offered for verification by the customer, who must make the final judgment of suitability for any application.

Document Control Number N-07-000-0035-B
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