

Flame Retardant Material Introduced by ebalta

February 2010

ebalta UK has announced the introduction of a new, low-pressure RIM material to further enhance its range of polyurethane materials for rapid prototyping and short-run production applications.

The new, two-component material, MG 321 FR, is black in colour and, most importantly, is self-extinguishing and approved to the highest UL94 V-0 flammability standard at 3 mm thickness. Proof of certification is available from ebalta and can be issued upon request.

In addition to being self extinguishing, MG 321 FR, like most RIM materials from ebalta, is easy to process with good flow properties and a pot life of 50–60 seconds at 20°C. It exhibits a very high heat resistance and a glass transition temperature — Tg of 133°C.

For applications where flame proofing is required, MG 321 FR is already a proven product and has been successfully applied for applications including interior linings for rail vehicles, medical equipment manufacture, electronic housings, covers for combustion engines and for component parts within the aerospace industry.

MG 321 FR is available immediately from stock in matched mix ratio pack sizes of 5 kg/2.5 kg or 20 kg/10 kg for next day delivery, within the UK market.

For further information, visit the website to download the technical data sheet or contact your local ebalta UK technical sales representative.



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