

News Release

Neopolen® P reFLAM meets fire safety requirements of the aviation industry for applications in aircraft

- **Neopolen® P reFlam meets requirements CS25.853 App F (a)(1)(i)Amdt 15 and CS25.853 App F (a)(ii) Amdt 14 for Flammability V60 and V12.**
- **Certification allows new applications, specifically in the aviation industry**

The expanded polypropylene foam Neopolen® P reFLAM was tested in an institution certified by the aviation industry, in accordance with the specification CS25.853, and is approved for molding densities from 36g/l to 75g/l in accordance with applicable requirements. The certification allows Neopolen® P reFLAM to be used in numerous applications with the highest fire safety requirements, particularly those found in the aviation sector.

"The level of interest in new, lightweight and at the same time flame-retardant materials is very high, particularly in the aviation industry", says Carsten Junghans, Key Account Manager Specialty Particle Foams Europe. It is in particular the high thermal insulation characteristic but also the almost unlimited scope for shaping that make this particle foam so versatile. "Neopolen® P reFLAM now provides manufacturers with a foam material which combines these requirements and enables a wide variety of different applications."

The certification allows Neopolen® P reFlam to be used, for example, in fitting out the aircraft cabin, in specific applications in the on-board kitchen, but also as a material to provide comfort for passengers and crew.

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Specification CS25.853 is a standardized specification which serves as the basis for assessing the fire safety characteristics of materials using precisely defined criteria. The institutions that conduct the investigations are subject to strict certification and have the accreditation required to issue test certificates for aviation.

Neopolen® P reFLAM is an advanced development of the expanded polypropylene foam Neopolen®. The material owes its enhanced level of fire safety to its special flame-retardant additives. In addition, the metallic-gray material offers a further improvement in thermal insulation properties and meets the requirements of REACH and those of the ROHS Directive and its amendments.

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