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Enhanced Polyamide Non-Halogenated Flame Retardant

Techmer PM has just completed development of an improved version of the company's PNM13319 polyamide non-halogenated flame retardant (FR) concentrate.

"The new version has enhanced versatility," says Mark Jordan, VP of Sales and Marketing at Techmer PM. "This means we can now tailor the polyamide carrier resin more precisely to a customer's specific application," explains Mr. Jordan, "so it will be much easier for processors to simplify their operations by adopting a masterbatch strategy."

First introduced in 2006, PNM13319 was initially aimed at injection molding applications. The improved versatility makes it well suited for nylon profile extrusions, too.

Properly used, PNM13319 will pass even the most stringent UL-94 V-0 test, as well as the V-1 and V-2 specifications. The concentrate, delivered as polyamide pellets, is intended for a maximum processing temperature of 500°F (260°C).

Techmer PM, based in Clinton, Tennessee, originally created PNM13319 to help processors respond to market demand for plastic products that are friendlier to the environment. "Many customers who were using a halogenated flame retardant have since switched to our 'non-hal' concentrate," adds Mr. Jordan.

Techmer PM is a major producer of value-added color and additives for the plastics and fiber industries. The company has worldwide manufacturing capabilities focusing on high-performance applications where quality, technical support, and problem solving are critical.

*Techperseal is a registered trademark of Techmer PM, LLC.

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