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Techmer PM Adapts TiO₂ Masterbatches

Unlike the melt-index ratings used by some compounders, Techmer PM's three standard titanium dioxide (TiO₂) masterbatches designate the actual performance of the finished compound. Some rivals give the MI of the carrier resin; however, this MI is diminished by other ingredients added during the compounding process.

While Techmer PM's high-melt TiO₂ masterbatches were originally engineered for injection molding applications—thin-wall containers in particular—they can also be used in other molding applications as well. All three regular formulations are suitable for food contact under sections 170-199 of Title 21. They offer good compatibility with most polyethylene resins and can be processed at temperatures up to 600F (315C).

In addition to the 125-melt TiO₂ masterbatch designated PM13215E41, Techmer PM also offers TiO₂ masterbatches with MIs of 85 and 50. These are respectively branded PM13214E4 and PM13213E16. All of the MI ratings are based on TiO₂ pigment loadings of 50% in a polyethylene carrier resin.

Techmer PM is a major producer of valued-added color and additive masterbatches for the plastics and fiber industries. With ISO 9001-certified plants supporting a worldwide customer base, Techmer PM specializes in high-performance applications where quality, technical support, and problem solving are critical.

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

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