



Vertellus Introduces ZeMac[®] Extend P at NPE

Patent pending additive technology upgrades recycled polyesters like PET

(May 8, 2018, Orlando, Fla., USA) — Vertellus is introducing ZeMac[®] Extend P, a chain extender additive that facilitates upgrading of recycled polyesters such as polyethylene terephthalate (PET) for use in a variety of target applications. The company is presenting the new patent pending technology during NPE 2018, May 7-11.

As a chain extender additive used to upgrade recycled polyester, ZeMac[®] Extend P increases molecular weight and intrinsic viscosity (IV) of recycled and virgin PET. Delivering improved melt viscosity and increasing melt strength, ZeMac[®] Extend P reduces sagging of the extrudate, resulting in faster production. It also counteracts hydrolytic degradation and improves impact strength. From a performance perspective, ZeMac[®] Extend P can be used in a breadth of target applications and delivers performance close to that achieved using 100% virgin materials. Examples of suitable applications include staple and filament fibers; injection molding; film, sheet, tape and profile extrusion; bottle blow molding; and strapping and foamed sheets.

ZeMac[®] Extend P also supports sustainability efforts, enabling low cost post-industrial and post-consumer recycled PET to be utilized, as well as incorporating glass fiber, minerals and impact modifiers. “As varied industries seek technologies to improve material performance and support sustainable production processes, ZeMac[®] Extend P offers an innovative solution for improving intrinsic viscosity and impact strength while supporting efficient production,” said Prasad Taranekar, marketing manager at Vertellus.

Contact Ms. Chrissy Walling to learn more about this exciting patent pending technology and visit Vertellus during NPE at booth S10155.

About Vertellus:

The VERTELLUS* group of companies manufactures fine and specialty chemicals used in diverse applications, processes and market sectors, including agriculture, life sciences, industrial specialties, nutrition, personal care and plastics. Headquartered in Indianapolis, Indiana (USA), near several of the world's leading research universities, Vertellus benefits from a technically advanced global manufacturing base. The company employs more than 800 employees and maintains facilities in the U.S., United Kingdom, India and China.

* Indicates a trademark owned by Vertellus Holdings LLC, registered in the US and elsewhere.



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Media Contact:

Chrissy Walling
cwalling@vertellus.com
317-247-8141