

Colombes, March 29, 2016

Lotryl® T copolymer as new modifier for PET strap application

PET straps are increasingly used for reinforcing carton packaging, facilitating their handling and transport. Lotryl® T copolymer is a new modifier which improves the impact splitting properties and stretchability of these PET straps.

PET strapping is widely used to replace steel wrapping for the storage and transportation of goods. They keep materials stable while in transit, and withstand temperature differences and exposure to sunlight.

Thanks to Arkema's production process that increases melting temperature and improves tensile strength, Lotryl® T copolymers can be used as an effective modifier for PET strap applications.

Lotryl® T copolymer can be compounded using conventional polyester processing temperatures due to its excellent thermal stability (> 250°C).



In addition to enhancing the impact splitting resistance of PET straps, Lotryl® T copolymer provides an excellent holding force and improves the stretchability without limiting the friction welding process. Furthermore, just 2-5% of Lotryl® T is needed to achieve these results.

Lotryl® T range

Grades	Acrylate content (%)	Melt flow index (g/10min)	Melting point (C°)
24MA02T	23-26	1-3	95
29MA03T	27-31	2-3.5	92

Arkema's range of Lotryl® T copolymers offers a wide scope of solutions for the modification of main engineering plastics, thermoplastic polyesters (PET and PBT), polycarbonate (PC), and acrylonitrile-butadiene-styrene (ABS).

For more information on Lotryl®, please visit www.lotryl.com

*A designer of materials and innovative solutions, **Arkema** shapes materials and creates new uses that accelerate customer performance. Our balanced business portfolio spans high-performance materials, industrial specialties and coating solutions. Our globally recognized brands are ranked among the leaders in the markets we serve. Reporting annual sales of €7.7 billion in 2015, we employ approximately 19,000 people worldwide and operate in close to 50 countries. We are committed to active engagement with all our stakeholders. Our research centers in North America, France and Asia concentrate on bio-based products, new energies, solutions for electronics, potable water management, lightweight and 3D design materials, building performance and insulation. For the latest, visit www.arkema.com.*

Contacts

Press - Sybille Chaix

Business Manager – Brigitte Pieto

Tel.: + 33 (1) 49 00 70 30

Tel.: +33 (1)49 00 71 58

sybille.chaix@arkema.com

brigitte.pieto@arkema.com