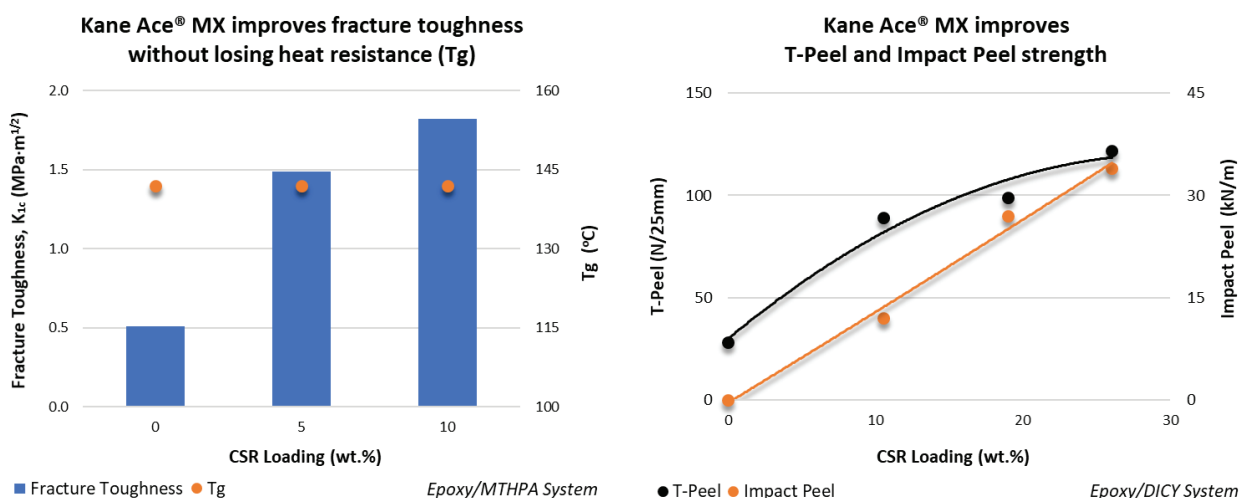


The Dreamology Company

– Make your dreams happen –

Kane Ace® MX is Kaneka's novel core-shell rubber (CSR) toughening system for thermoset resins. It is a predispersed CSR Masterbatch which enhances the physical properties of the resins through optimal dispersion of core-shell particles.

The revolutionary liquid impact modifiers of Kane Ace® MX achieve highly improved strength, improved fracture toughness and endurance without losing the heat resistant characteristics (Tg) of thermoset resins.



Applications

Kane Ace® MX is suitable for use in adhesive, coating, composite and casting applications for a wide variety of markets:

- Adhesives
- Wind energy
- Automotive
- Aerospace
- Electronics



Benefits

Kane Ace® MX offers great advantages in the field of:

Performance

- Outstanding toughness improvement
- Fracture toughness improvement
- T-peel strength improvement
- Lap-shear strength improvement
- Improvement of fatigue resistance
- No Tg Depression
- Consistent morphology = consistent performance
- Low ionic impurities

Handling/Processing

- Easy handling and mixing
- Low viscosity
- Wide cure window



Kaneka North America LLC

A wholly owned subsidiary of Kaneka Corporation (Osaka, Japan) Kaneka North America LLC is a leading manufacturer of specialty chemicals and plastics under a variety of trade names including Kane Ace[®], Kanevinyl[™], Kaneka MS Polymer[®], Sibstar[®], and Apical[®].

Kane Ace[®], Sibstar[®], Kaneka MS Polymer[®], and Apical[®] are the registered trademarks in the US

For additional information on products from Kaneka North America LLC please contact:

Kaneka North America LLC

6161 Underwood Road
Pasadena, Texas 77507
Tel. 800-526-3223
www.kaneka.com

KANE ACE[®] MX

HIGH PERFORMANCE ADDITIVES

КАНЕКА

канека

www.kaneka.com

We are a Company that Realizes Dreams through Science



Every day you come into contact with products and applications that have their origin at Kaneka North America LLC. We supply intermediates for the manufacturing of products in a variety of industries, including the environmental and energy, automotive, construction, information and telecommunication sectors.

Kaneka North America LLC is a subsidiary of the Kaneka Corporation, headquartered in Osaka and Tokyo, Japan. Kaneka Corporation has business activities that span a broad spectrum of markets ranging from plastics, resins, chemicals and foodstuffs to pharmaceuticals, medical devices, electric and electronic materials and synthetic fibers.

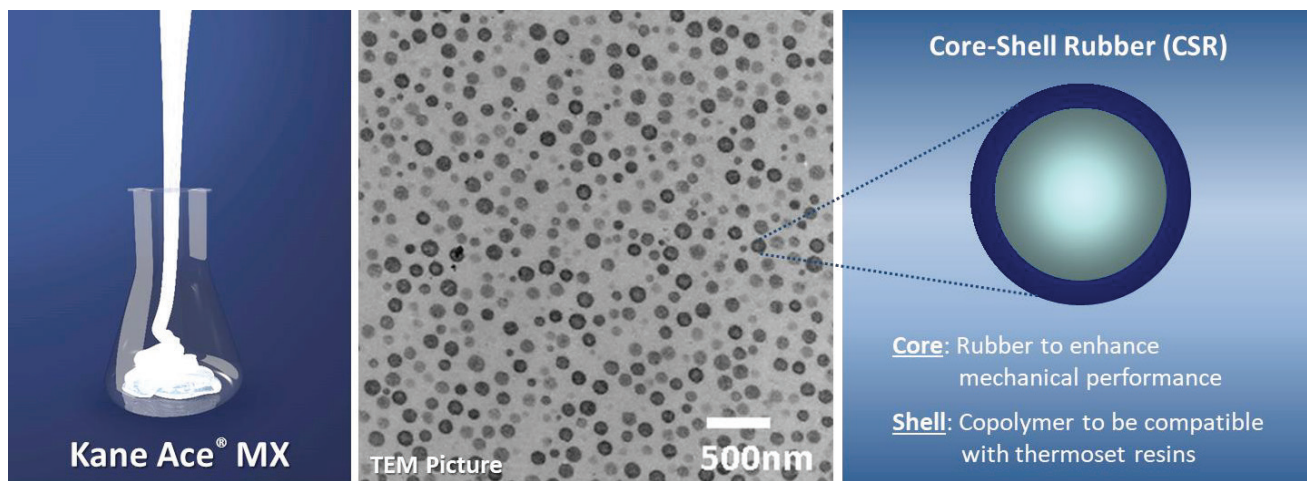
At Kaneka, we are infusing dreams into science to make things that have never existed before, and we are creating a variety of new products and technologies that support the lives of people.

We are advancing into a future with materials for a wide range of fields, including functional plastics, electronics and life sciences. Our efforts contribute to protecting the global environment and enriching people's lives. We are a company that realizes dreams through science.

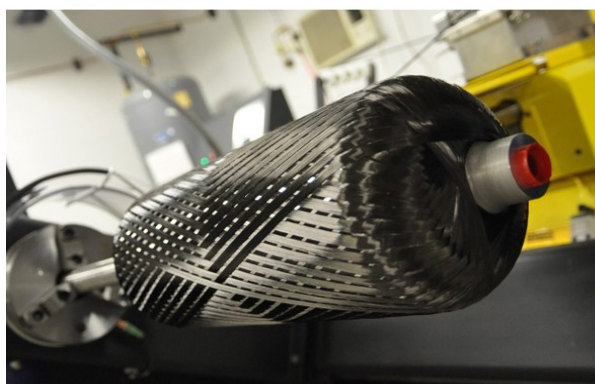
We are Kaneka.



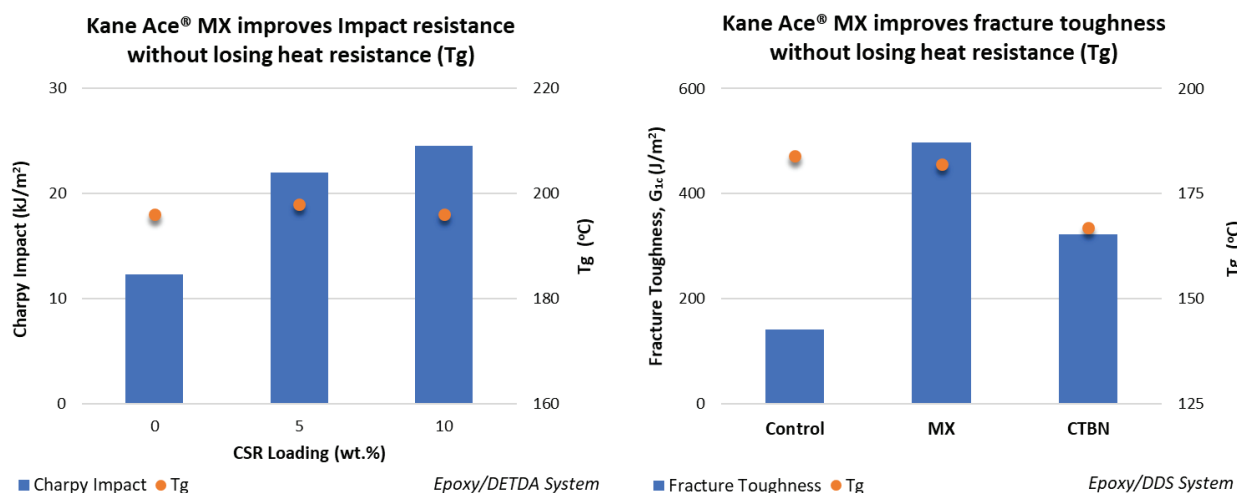
Highly Versatile Toughener for Thermoset Applications



Filament Winding



Toughen Composites



All technical statements and information in this brochure are based on tests and data which are believed to be reliable. Due to possible variations of conditions and processing methods beyond our control, no guarantees or warranties are expressed or implied as to the products described herein. Nor do we guarantee products marketability or suitability to specific purposes.