



## Durastrength® 365

### Acrylic Impact Modifier

#### PRODUCT DESCRIPTION

Durastrength® 365 is a composite acrylic core-shell impact modifier that imparts superior impact properties to outdoor vinyl applications.

Through unique Arkema technology, Durastrength® 365 composite structure has made it the preferred impact modifier for cost-effective building application formulations.

Durastrength® 365 impact modifier is particularly recommended in applications where double V notch Charpy impact and/or falling weight impact resistances are required.

#### TYPICAL PHYSICAL PROPERTIES

Physical Form	White Powder
Bulk Density	0.40 g/cc
Particle Size D10	100 µm
Particle Size D50	250 µm
Particle Size D90	450 µm
Percent Volatiles	1%

#### PRODUCT BENEFITS

1. Durastrength® 365 is designed to provide optimum balance between impact strength and formulation cost, allowing its customers to develop the most competitive impact resistant formulations on the market while satisfying European standards requirements.
2. Durastrength® 365 impact modifier leverages the same long term weather resistance chemistry that has been proven by our Durastrength® series in the building and construction market for over 35 years.
3. Durastrength® 365 impact modifier is known to impart better flowability to PVC dry-blends.
4. Durastrength® 365 impact modifier powder characteristics translate into excellent flowability behaviour, allowing bulk delivery.

#### SUGGESTIONS FOR USE

Durastrength® 365 impact modifier is recommended for use in window profile, pipe, fencing and siding and all durable applications where ambient and low temperatures impact resistance as well as cost efficiency are required.

Durastrength® 365 composite acrylic impact modifier can generally replace any standard acrylic impact modifier without any formulation adjustment.

Durastrength® 365 impact modifier is suitable for lead, tin and mixed metals stabilised formulations.

Customers should evaluate Durastrength® 365 acrylic impact modifier in their own laboratories to establish optimum conditions for use in their processes and applications. Arkema's Technical Service Team is available to discuss your application requirements, provide formulation guidance and laboratory testing as needed.

#### PACKAGING

Durastrength® 365 is packaged in 18 kg bags (450 kg per pallet), 450 kg bulk bags (900 kg per pallet), 750 kg bulk bags (750 kg per pallet) and bulk deliveries.

## ENVIRONMENTAL AND SAFETY INFORMATION

BEFORE HANDLING THIS MATERIAL, READ AND UNDERSTAND THE MSDS (MATERIAL SAFETY DATA SHEET) / SDS (SAFETY DATA SHEET) FOR ADDITIONAL INFORMATION ON SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION.

The MSDS/SDS are available on our Website [www.arkema.com](http://www.arkema.com) or upon request at our Customer Service Department at +1 (800) 331 7654 in the US, and at +33 (0)1 4900 8837 in Europe. Arkema believes strongly in Responsible Care® as a public commitment.

## MORE TECHNICAL INFORMATION AVAILABLE

Ask your Arkema account manager for further information on high quality Arkema additives for use in PVC, PC, PBT, ABS, PLA and other polymer systems. Arkema produces a full line of impact modifiers, processing aids and epoxidized vegetable oils. In addition, Arkema's Technical Service staff is also available to assist compounders and processors with formulation and processing advice.

### Durastrength® Impact Modifiers

Durastrength® acrylic impact modifiers deliver outstanding impact characteristics for outdoor durable applications in PVC and Engineering Resins.

### Plastistrength® Process Aids

Plastistrength® process aids offer producers a complete line of melt strengtheners and metal release agents for PVC and Engineering Resins. Plastistrength® process aids can improve fusion, surging, and aesthetics.

### Clearstrength® Impact Modifiers

Clearstrength® MBS impact modifiers are designed for extreme impact or impact/clarity combination in PVC and Engineering Resins.

### Biostrength® Additives

The Biostrength® product line of impact modifiers, melt strengtheners and metal release agents are designed to improve properties and enhance processability of polylactic acid (PLA) and other biopolymers compounds.

### Vikoflex® Epoxy Plasticizers

The Vikoflex® line of epoxy plasticizers is derived from renewable resources, like epoxidized linseed oil, soybean and tall oil fatty acid esters for applications such as PVC plasticization, acid and mercaptan scavenging, specialty coatings, adhesives & urethanes, reactive diluents, PU flexible foam and intermediates for surfactants and lube & fuel additives.

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