

## IKAMOD 135A – CPE Impact Modifier Technical Data Sheet & Product Specifications

### PRODUCT DESCRIPTION

IKAMOD 135A is a synthetic material, kind of thermoplastic elastomer, made from high density polyethylene (HDPE) and chlorine. This chlorinated polyethylene (CPE) material is designed as an additive to improve the mechanical properties of opaque rigid PVC, suitable for both indoor and outdoor applications. It has very good mechanical properties (elongation at break, tensile strength) and very good toughness.

### PRODUCT BENEFITS

- Very good mechanical properties
- Very good toughness
- Good impact resistance
- Good chemical resistance
- Very good welding performance

### TYPICAL PRODUCT APPLICATIONS

This CPE additive is widely used in many different U-PVC applications, such as window profiles and fences, technical profiles, siding, pipes.

### TYPICAL PROPERTIES / PRODUCT SPECIFICATIONS

| Specification           | Unit              | Test standard  | IKAMOD 135A   |
|-------------------------|-------------------|----------------|---------------|
| Appearance              | -                 | -              | White powder  |
| Bulk Density            | g/cm <sup>3</sup> | GB/T 1636-2008 | 0.50 +/- 0.10 |
| Sieve Residue (30 mesh) | %                 | GB/T 2916      | ≤ 2.0         |
| Volatile Content        | %                 | ASTM D5668     | ≤ 0.40        |
| Tensile Strength        | MPa               | GB/T 528-2009  | ≥8.0          |
| Elongation at break     | %                 | GB/T 528-2009  | ≥800+/-50     |
| Chlorine content        | %                 | GB/T 7139      | 35.0 +/-2.0   |

*For further information please contact us.*

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## QUALITY CONTROL

IKA Innovative Kunststoffaufbereitung GmbH & Co.KG Company is fully certified to international standards ISO 9001 and ISO 14001. ISO certificates (DIN EN ISO 9001:2015 and DIN EN ISO 14001: 2015) can be supplied upon request.

## PACKAGING

IKAMOD 135A can be supplied as follows:

- 25 kg bag
- 550 kg big bag

## HANDLING, STORAGE & SHELF LIFE GUARANTEE

- Store in its original packaging, in a cool and dry environment.
- Avoid contact with moisture. Do not store it near heat sources.
- Product shelf life is two years.  
*NB: upon request, it can be still used if qualified by inspection after shelf life*
- Please also refer to the Safety Data Sheet of IKAMOD 135A, for additional information concerning personal protective equipment, safety, health and environment items.

## OTHER INFORMATION

For any additional information or specific requirements please contact us.

Our company contact data are as follows:

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