

IKAMOD 102S4 – Speciality CPE Impact Modifier Technical Data Sheet & Product Specifications

PRODUCT DESCRIPTION

IKAMOD 102S4 is a special grafted copolymer designed to improve the mechanical properties of opaque rigid PVC, suitable for both indoor and outdoor applications. Compared to standard CPE and acrylic impact modifiers, it imparts much higher elongation at break and excellent toughness whilst maintaining outstanding impact resistance.

PRODUCT BENEFITS

- Improved impact performance
- Provides similar fusion characteristics to typical impact modifiers
- Provides high impact strength, especially at low temperature
- Provides excellent elongation at break, very good tensile strength and toughness
- Improves surface finish and gloss
- Improved corner weld strength of PVC-U window profiles
- Suitable for indoor as well as for outdoor applications
- Suitable for highly filled PVC applications

TYPICAL PRODUCT APPLICATIONS

Rigid opaque PVC based products for indoor and outdoor applications such as window profiles, roller-shutters, panels, fencing, siding and decking, films and sheets, technical profiles, pipes, etc.

TYPICAL PROPERTIES / SPECIFICATIONS

Specification	Unit	Test standard	IKAMOD 102S4
Appearance	-	-	White powder
Bulk Density	g/cm ³	GB/T 1636-2008	0.50 +/- 0.10
Sieve Residue	%	GB/T 2916	≤ 2.00
Volatile Content	%	ASTM D5668	≤ 1.30
Tensile Strength	MPa	GB/T 528-2009	≥ 6.0
Elongation at break	%	GB/T 528-2009	1300 +/- 100

For further information please contact us.

QUALITY CONTROL

IKA Innovative Kunststoffaufbereitung GmbH & Co.KG is fully certified to international standards ISO 9001 and ISO 14001. ISO certificates (DIN EN ISO 9001:2008 and DIN EN ISO 14001:2009) can be supplied upon request.

PACKAGING

IKAMOD 102S4 can be supplied as follows:

- 550 kg big bag
- Movable silos
- Road tanker

HANDLING, STORAGE & SHELF LIFE GUARANTEE

Store in a cool and dry environment.

Avoid contact with moisture. Do not store it near heat sources.

Product shelf life is two years.

Please also refer to the Safety Data Sheet of IKAMOD 102S4, for additional information concerning personal protective equipment, safety, health and environment items.

OTHER INFORMATION

For any additional information or specific requirements please contact us.

Company contact data:

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