

IKAMOD 105 – Speciality Impact Modifier Technical Data Sheet & Product Specifications

PRODUCT DESCRIPTION

IKAMOD 105 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 105
Appearance	-	-	White powder
Bulk Density	g/cm ³	GB/T 1636-2008	≥ 0.30
Sieve Residue 30mesh	%	GB/T 2916	≤ 2.00
Volatile Content	%	ASTM D5668	1.0 ± 0.5
Tensile Strength	MPa	GB/T 528-2009	≥ 5.00
Elongation at break	%	GB/T 528-2009	1300 ± 50
Hardness	Shore A	GB/T 2411	≥ 46

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 9001:2015 and DIN EN ISO 14001:2015) can be supplied upon request.

PACKAGING

IKAMOD 105 can be supplied as follows:

- 1100 kg big bag
- Road tanker

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.

Please also refer to the Safety Data Sheet of IKAMOD 105, 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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