

Kane Ace™ MR04

Silicone based Flame Retardant Impact Modifier

PRODUCT DESCRIPTION

Kane Ace™ MR04 is a silicone based flame retardant that is non-halogen and non-phosphorous. This product has excellent thermal stability and hydrolysis stability, making it suitable for use in a variety of polycarbonate or polycarbonate blends. What sets Kane Ace™ MR04 apart from other flame retardants is its significant simultaneous impact performance. This makes it an ideal choice for applications where impact resistance is critical.

GENERAL BENEFITS

- High heat stability and high hydrolysis stability
- Very good dispersion of the silicone within the Polycarbonate matrix
- High impact resistance at low temperature
- Long term heat aging stable properties
- Environmental friendly (no halogen, no phosphates)

TYPICAL APPLICATIONS

Polycarbonate compounds

TYPICAL PROPERTIES

Chemical Description	Acrylic - Silicone polymer
Physical Form	fine white powder
Bulk Density	0,39 g/cm ³
Volatile Matter Content	0,35 %
Particle Size, d50	110 µm
Izod Impact Strength	good

Note: please be aware that typical properties are approximate reference values. For guaranteed quality specifications, please contact us.

QUALITY CONTROL

Kaneka Belgium NV follows internationally recognized quality management principles. Our valid ISO certificates can be downloaded from our website.

EN ISO 9001: "Quality Management System"

EN ISO 14001: "Environmental Management System"

EN ISO 50001: "Energy Management System"

STORAGE AND HANDLING

Please consult the "**General safety recommendations for the storage and handling of Kane Ace™ powders**" and **Safety Data Sheet** for additional information concerning personal protective measures, safety, health and environmental information.

SHELF LIFE GUARANTEE

On condition that there is taken care about the conditions for storage(*) as these are mentioned in the Safety Data Sheet and on the packaging itself of the Kane Ace™ product, Kane Ace™ MR04 can be maintained in stock, keeping its characteristics, for a period up to three years after delivery date.

(*) Store free, in original package. Store in cool area, do not store near heat sources. Store in dry well-ventilated area, avoid contact with moisture. Protect from light, especially from direct exposure to sunlight.

DOCUMENT REFERENCE

TDS_KaneAce_MR04 | version nr. 1.1

REGULATORY INFORMATION

Regulatory information is supplied upon request.
Please contact info.regulatoryppd@kaneka.be

HARMONIZED TARIFF CODE

39100000

CAS NUMBER

CAS number assigned to identify Kane Ace™ MR04 is available upon request after signing a NDA.

PRODUCT PACKAGING

Kane Ace™ MR04 is supplied in 15-kg paper bags [750 kg per pallet].

ADDITIONAL INFORMATION

For additional information or specific recommendations for your intended application, please contact us.

PERFORMANCE POLYMERS SOLUTIONS VEHICLE

Technical Service Department

Email: info.modifier@kaneka.be



Disclaimer

All information (including but not limited to technical statements, instructions, recommendations or suggestions) contained in this bulletin are for general information purposes only. The information is provided to the best of our knowledge and while we endeavour to keep the information up to date and correct according to the state of the art, we make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability or suitability with respect to the information contained in this bulletin. Any reliance you place on such information is therefore strictly at your own risk. In no event will we be liable for any loss or damage (including, without limitation, indirect or consequential loss or damage, or any loss or damage whatsoever arising from loss of profits) arising out of, or in connection with, the use of this information and /or the use, handling, processing or storage of Kane Ace™.

SUPPLIER

KANEKA BELGIUM NV
Nijverheidsstraat 16, B - 2260 Westerlo, BELGIUM
www.kaneka.be

FOLLOW US:

 [linkedin.com/company/Kaneka-Belgium-NV](https://www.linkedin.com/company/Kaneka-Belgium-NV)