Kane Ace™ MR01
Silicone based Flame Retardant Impact Modifier

PRODUCT DESCRIPTION
Kane Ace™ MR01 is a silicone based non-halogen, non-phosphorous flame retardant with significant simultaneous impact performance.

GENERAL BENEFITS
- High flame retardant type.
- 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

<table>
<thead>
<tr>
<th>Chemical Description</th>
<th>Acrylic - Silicone polymer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>fine white powder</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>0.35 g/cm³</td>
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<tr>
<td>Volatile Matter Content</td>
<td>0.2 %</td>
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<tr>
<td>Particle Size, d50</td>
<td>110 µm</td>
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<tr>
<td>Heat Distortion Temperature</td>
<td>132 °C</td>
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<tr>
<td>Izod Impact Strength</td>
<td>good</td>
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</tbody>
</table>

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: 2008 "Quality Management System"
EN ISO 14001: 2004 "Environmental Management System"
EN ISO 50001: 2011 "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™ MR01 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.
REGULATORY INFORMATION
Regulatory information is supplied upon request. Please contact info.regulatoryppd@kaneka.be

HARMONIZED TARIFF CODE
3910000

CAS NUMBER
CAS number assigned to identify Kane Ace™ MR01 is available upon request.

PRODUCT PACKAGING
Kane Ace™ MR01 is supplied in 15-kg paper bags [600 kg per pallet].

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

HIGH PERFORMANCE POLYMERS DIVISION
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SUPPLIER
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