Kane Ace™ FM80 / Acrylic Impact Modifier

PRODUCT DESCRIPTION
Kane Ace™ FM80 is an acrylic based polymer designed to improve the impact properties of rigid clear PVC formulations and suitable for outdoor use.

GENERAL BENEFITS
• High performance acrylic impact modifier.
• Provides high impact resistance while keeping good clarity and transparency.
• Outstanding retention under various weather conditions.
• Suitable for clear outdoor and durable PVC based products.

TYPICAL APPLICATIONS
• Corrugated clear PVC roof sheet
• Transparent profiles for in- and outdoor use
• Automotive applications
• Flexible and rigid sheets and foils
• Injection moulded parts
• Transparent pipes and fittings

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"

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Description</td>
<td>Acrylic Copolymer</td>
</tr>
<tr>
<td>Physical Form</td>
<td>Fine white, good free-flowing powder</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>0.48 g/cm³</td>
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<tr>
<td>Volatile Matter Content</td>
<td>0.3 %</td>
</tr>
<tr>
<td>Particle Size, d50</td>
<td>220 µm</td>
</tr>
<tr>
<td>Impact Strength</td>
<td>Very good</td>
</tr>
</tbody>
</table>

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

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™ FM80 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.
Make your dreams happen and create a life changing impact through partnership!

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

HARMONIZED TARIFF CODE
39069090

CAS NUMBER
CAS number assigned to identify Kane Ace™ FM80 is 27136-15-8

PRODUCT PACKAGING
Kane Ace™ FM80 is supplied in 25-kg bags [750 kg per pallet] and in 500-kg semi-bulk bags [1000 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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