**AFCONA - 3835**

**Chemical Composition**
Organically modified polyether reactive polysiloxane with methacrylate functional group

**Product general description**
Additive designed to crosslink in and act as a slip and leveling agent for UV coatings

**Product Properties**
AFCONA-3835 is a reactive polyether modified polysiloxane with methacrylate functionality that can crosslink with UV / EB systems. It averages 7 functional groups per molecule. With this property, it offers permanent slip in coatings, giving anti-blocking and anti-scratch properties.

AFCONA-3835 offers the following benefits:
1) Good leveling performance, and, after crosslinking, it gives permanent slip.
2) It is suitable for UV and EB curing systems.
3) Due to its methacrylate functionality, it also may be used for any systems that use unsaturated bond crosslinking as a primary curing reaction, such as UPE.

**Product specification**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Active ingredients</td>
<td>≥ 95%</td>
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<tr>
<td>Refractive index</td>
<td>1.440 - 1.450</td>
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<tr>
<td>Flashpoint</td>
<td>&gt; 100 °C</td>
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<tr>
<td>Appearance</td>
<td>transparent to slightly yellowish</td>
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**Addition and dosage**
AFCONA-3835 may be added at 0.05 - 1.0% based on total formulation. Under normal conditions, 0.1 – 0.5% based on total formulation is sufficient.

**Incorporation**
AFCONA-3835 should be added during the final stage of the production process. After AFCONA – 3835 is added, the production temperatures should remain below 50°C.

**Storage**
AFCONA-3835 should be stored in a cool, dry place. When kept in its original, unopened container, it will keep up to 2 years from the date of manufacture. The expiration date is indicated on the container.

**Packaging**
55 lb and 397 lb non-returnable containers