Technical Data Sheet

Dur-O-Set® C-310 Emulsion
(25-1090)

Description:
- Water-based polyvinyl acetate emulsion

Features:
- Excellent mechanical stability
- Good compound stability
- Stiffness and moldability

Benefits:
- Imparts rigidity and pleatability to air filter media
- Contains functionality that can react with thermosetting resins

FDA Requirements:
- Compliant with FDA regulations 21 CFR 175.105, 21 CFR 176.170, and 21 CFR 176.180

Storage & Handling:
- Shelf life is approximately six months at 77°F.
- Consult MSDS for important health, safety and handling information before using this product.
- Consult Celanese’s Storing, Handling and Preserving Emulsion Products brochure.

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids</td>
<td>55%</td>
</tr>
<tr>
<td>pH</td>
<td>4.5 – 5.5</td>
</tr>
<tr>
<td>Viscosity¹</td>
<td>1000 – 1500 cps</td>
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<tr>
<td>Particle charge</td>
<td>Nonionic</td>
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<tr>
<td>Density</td>
<td>9.0 lbs/gal</td>
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<tr>
<td>Tg²</td>
<td>30°C</td>
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</tbody>
</table>

¹ Brookfield RVF Viscosity (No. 2 sp., 20 rpm, 22°C)
² Glass Transition Temperature

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