**DYNAGRID® Pasting Papers**

Best-in-class for lowest waste rate and highest battery efficiency

DYNAGRID® Pasting Papers enhance your plate manufacturing process:

- Excellent runnability
- Good adhesion to plate
- “Sponge” effect
- Higher output
- Waste rate reduction
- Energy savings
- Reduced lead emissions
DYNAGRID® Pasting Papers
A benchmark for quality and efficiency among global lead-acid battery manufacturers

DYNAGRID® product family:
- DYNAGRID® 313: Pasting paper
- DYNAGRID® 313 FO: High porosity
- DYNAGRID® 313 HP: Highest purity
- DYNAGRID® 315: High stiffness
- DYNAGRID® NG: Advanced web material with additional functionality

Key benefits:
- Smooth processing of the plates
- Lower costs through higher process efficiency
- Adds to your environmental efforts by minimizing lead emissions

<table>
<thead>
<tr>
<th>Properties</th>
<th>Effect</th>
<th>Benefits</th>
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<tbody>
<tr>
<td>Porosity: ((\text{l/m}^2 \times \text{s}) &gt; 1500)</td>
<td>Better paste adhesion, no bubbling during flash drying</td>
<td>Higher efficiency, lower waste rate, no need for needle punching</td>
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<tr>
<td>Water climb: (&gt; 30\text{mm} / 10\text{min})</td>
<td>Higher water absorption, less peeling</td>
<td>Reduced energy cost due to better drying capability</td>
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<tr>
<td>Thickness ((\mu\text{m})) (45,0) at (12.5\text{g/m}^2)</td>
<td>Sponge effect, low density</td>
<td>Better runability, less risk of fire hazard</td>
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<td>Chlorine (ppm)(&lt; 100;) Iron (ppm)(&lt; 50;) Manganese (ppm)(&lt; 20)</td>
<td>Less corrosion of the grid, low self-discharge of battery, low chlorine and metal content</td>
<td>Lower warranty cost, higher battery lifetime</td>
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Please also refer to DYNAGRID NG®. Glatfelter is your partner in developing new technical solutions for electrical applications.