Expancel 920 DET

Dry, expanded thermoplastic microspheres

<table>
<thead>
<tr>
<th>Expancel</th>
<th>Particle Size µm D(0.5)</th>
<th>True Density kg/m³</th>
<th>Chemical Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>920 DET 40 d25</td>
<td>35 - 55</td>
<td>25 ±3</td>
<td>5</td>
</tr>
<tr>
<td>920 DET 40 d30</td>
<td>35 - 55</td>
<td>30 ±3</td>
<td>5</td>
</tr>
<tr>
<td>920 DET 80 d30</td>
<td>55 - 85</td>
<td>30 ±3</td>
<td>5</td>
</tr>
</tbody>
</table>

Expancel 920 DET is produced in the UK by Boud Minerals, to different densities; including some tailored to a customer’s specific application and some not available before.

Expancel 920 DET is used in processes where no, or insufficient heat for expansion is generated during production.

Expancel 920 DET 40 is recommended as a general grade, when higher chemical and temperature resistance is needed, and small particle size for good surface properties (smoothness) is important.

Expancel 920 DET 80 is recommended when very good chemical, mechanical and temperature resistance is needed and particle size is less important.

With its extremely low density Expancel DET can be difficult to handle. Boud Minerals produce BML Microspheres, pre-wetted versions of our Expancel DET grades that are much easier to handle and to disperse. Expancel 920 DET 40 d30 is available as BML Microspheres 941, and Expancel 920 DET 80 d30 as BML Microspheres 939.

Boud Minerals also produce custom blends to provide unique properties. Expancel 920 DET can be blended with our Hollow Glass Spheres, Cenospheres, dry powders or liquids, in bespoke packing sizes.

Information about the properties and applications of Expancel 920 DET 40 can be found in our Expancel DET Technical Guide.

Commodity Code
3906 9090

Packing
920 DET 40 d25 – 12 kilo cartons containing 4 x 3 kilo bags
920 DET 40 d30 – 12 kilo cartons containing 4 x 3 kilo bags
920 DET 80 d30 – 15 kilo cartons containing 5 x 3 kilo bags

Issue 1 March 2018

*All information is given in good faith but is indicative only and does not constitute a specification.*