Clarity® PHL 4195

Type of Adhesive

Hot melt adhesive.

Product Benefits

- excellent heat stability, clean processing
- excellent hot tack and adhesion
- good bonding strength on difficult or cold substrates
- suitable for PET-bottles with strong carbonated beverage

Typical Applications

This is a high performance pressure sensitive hot-melt designed for hard-to-bond substrates and demanding labelling applications. It has been developed for labelling of plastic, glass or metal containers. Especially suitable for labelling of PET-bottles with strong carbonated beverage, subject to strong bottle expansion.

Suitable substrates

Labelling of plastic materials (PVC, PE, PET, PP...), glass and metal containers with PP/PE-labels and some high quality paper labels.

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Colour</td>
<td>light yellow, transparent</td>
</tr>
<tr>
<td>Film</td>
<td>soft-elastic, high surface tacky</td>
</tr>
<tr>
<td>Softening point (R&amp;B – ASTM E28-99)</td>
<td>approx. 69°C</td>
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<tr>
<td>Viscosity (Brookfield: RV, Sp21; ASTM D 3236-88)</td>
<td>approx. 1 400 mPa.s at 140°C</td>
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<td>approx. 1 000 mPa.s at 150°C</td>
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<tr>
<td>Shelf life</td>
<td>24 months</td>
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Application Instructions

Apply by nozzle or roller systems. Suitable on magazine or roll fed equipment such as: Krones, KHS, SACMI, PE Labellers, Langguth, SIDEL-Alfa, B&H, Trine, and others labelling machines.

Application temperature: 130°C – 160°C
When plastic-labels are used, the working temperature should be between 130°C and 140°C, to avoid any move of the foil.

It is important to ensure that the desired level of adhesion is obtained on the necessary substrates, including long-term tests.

Cleaning Instructions

Please contact your local Sales Office for available cleaning solutions.

Typical Packaging

Please contact your local Sales Office for available packaging options.

Storage Conditions

In original sealed packaging protected from sun, dust, moisture and high temperatures not above +30°C.

Disposal Advice

Please refer to the MSDS for disposal instructions.

Safety Advice

Please refer to the MSDS for safety advice.

Our Focus is Clear. Perfecting Adhesives.

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