Koattro PB-1 for Hot Melt Adhesives

The Koattro PB-1 portfolio of products offers a wide viscosity range with excellent wetting capabilities, extended open time, high cohesive strength, good stiffness/impact balance and a very good thermal stability. They are also phthalate-free.

Koattro PB-1 can be used in a variety of Hot Melt Adhesive Applications, such as:

<table>
<thead>
<tr>
<th>Woodworking</th>
<th>Mattress Assembly</th>
<th>Packaging Assembly</th>
<th>Non-Woven Hygiene Applications</th>
</tr>
</thead>
</table>

**Koattro PB-1 Portfolio**

**Melt Flow Rate (190°C/2.16kg)**

<table>
<thead>
<tr>
<th>Grade Name</th>
<th>Melt Flow Rate (g/10 min.)</th>
<th>Brookfield Viscosity @ 190°C (mPa*s)</th>
<th>Density (g/cm³)</th>
<th>Tg (via DMTA) °C</th>
<th>Tm1 °C</th>
<th>Flexural Modulus (MPA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Koattro PB M 1200M</td>
<td>1200</td>
<td>6900</td>
<td>0.91</td>
<td>-13</td>
<td>82</td>
<td>340</td>
</tr>
<tr>
<td>Koattro PB M 2500M</td>
<td>2500</td>
<td>3200</td>
<td>0.91</td>
<td>-13</td>
<td>84</td>
<td>350</td>
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<tr>
<td>Koattro PB M 8510M</td>
<td>45</td>
<td>230600</td>
<td>0.89</td>
<td>-22</td>
<td>81</td>
<td>120</td>
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<tr>
<td>Koattro PB M 8911M</td>
<td>200</td>
<td>46600</td>
<td>0.89</td>
<td>-22</td>
<td>82</td>
<td>100</td>
</tr>
</tbody>
</table>

**Woodworking Applications**

- Mattress Assembly
- Packaging Assembly

**Non-Woven Hygiene Applications**

- Mattress Assembly
- Packaging Assembly
WOODWORKING
- Low Viscosity
- High Flexibility
- High Thermal Resistance Against Shear Forces (SAFT)
- Environmentally Friendly

PACKAGING ASSEMBLY
- Excellent Thermal Stability
- Low Viscosity
- Excellent Wetting
- Right Amorphous/Crystalline Composition Balance that may allow for Reduction of Tackifier Content

MATTRESS ASSEMBLY
- Excellent Green Strength
- Long Open Time
- Manual or Automated Assembly
- Provides Flexibility & Durability

NON-WOVEN HYGIENE APPLICATIONS
- Accurate Sprayability
- Excellent Thermal Stability
- Low Odor
- Light Color
- High Tackiness
- Flexible
- Can be Applied at Low Temperature
- High Flow/Elasticity Balance