SH4275FR-A

FLAME RETARDANT POLYESTER SHARNET® WEB ADHESIVE

DESCRIPTION
SH4275FR-A Sharnet® web adhesive is a flame retardant, hot melt adhesive available in a nonwoven form. Web adhesives handle like a fabric facilitating both intermittent and continuous processes. SH4275FR-A is based upon a high performance polyester polymer that resists laundering and has good resistance to oils and plasticizers. The flame resistance of this product was designed for use in textile laminations where a flame retardant adhesive is required to assist other flame retardant substrates in producing a non-burning composite. SH4275FR-A bonds to a variety of textiles, urethane foams and plasticized vinyls.

FEATURES
- Fast setting
- Good temperature resistance

BENEFITS
- Excellent adhesion to various textiles and urethane foams
- Excellent resistance to plasticizer migration

BASIC USES
- Flame retardant laminations
- Textile laminates
- Engineered laminates

DIRECTIONS FOR USE
SH4275FR-A web can be activated with any of the following techniques: electric fusing press, heated rolls and heated air. Dry heat activation requires 265-350°F (130-177°C). Activation by means of infrared heating is not recommended for any Sharnet® product. Reactivation time is dependent upon technique, temperature, pressure, substrates, and material thicknesses, but is typically 8 to 10 seconds.

TYPICAL PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Off White</td>
</tr>
<tr>
<td>Base</td>
<td>Polyester</td>
</tr>
<tr>
<td>Basis Weight Range</td>
<td>0.5-2.1 oz/yd² (17-71 g/m²)</td>
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<tr>
<td>Width</td>
<td>Up to 74 in (188 cm)</td>
</tr>
<tr>
<td>Base Polymer DSC Melt Point</td>
<td>248°F (120°C)</td>
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<tr>
<td>Recommended Activation</td>
<td>265-350°F (130-177°C)</td>
</tr>
<tr>
<td>Temperature</td>
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KEY FEATURES
- Moderate heat activation temperature
- Good fire retardancy
- Flexible adhesive bonding
PACKAGING
SH4275FR-A Sharnet® web adhesives are sold in roll form. They are typically 500 linear yard (457 linear meter) long rolls on a 3 inch (7.6 cm) inner diameter core. For further packaging details please contact your Bostik sales or technical representative.

SHELF LIFE
SH4275FR-A should be shipped and stored at temperatures below 130°F (54°C). The shelf life of SH4275FR-A is 365 days under these conditions.

HEALTH AND SAFETY PRECAUTIONS
Please refer to the SDS for complete details.

LIMITED WARRANTY
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