

Product Data Sheet

ARTFOAM Adhesive



1. Specifications and Characteristics

Updated date : 01-Mar-11

| | |
|----------------|---|
| Composition | - White foam center - Paper liners on both side - Adhesive coat on one side under release liner paper |
| Center | - Extruded white polystyrene foam - Meltable with solvent and toluene based glue. Water-based glue recommended - Not flame retardant - Expanding or damaged when exposed to the heat more than 100°C - No acidity or toxin substance contained. |
| Adhesive Liner | - 25 mic polyethylene coated white paper 120gsm - 25 mic water-based pressure sensitive permanent high-tack adhesive - Contains no toxic or hazard substances - Adhesion power : 12.0N/25mm (KSA1107:2004) - Heat resident range : 70°C to 90°C (158°F to 194°F) - Release paper : Silicon coated on one side & polyethylene coated on both side 125gsm |
| Reverse Liner | - 25 mic polyethylene coated white paper 220gsm - pH neutral surface ranging 7.0 ~ 8.0 - Water based adhesive pH 7.0~ 8.0 is used to laminate foam core and paper liner |

2. Properties and Tolerance

| | | | | Tolerance | Unit |
|--------------------|-----------|---------|---------|-------------|-------------------|
| Thickness | 3 | 5 | 10 | ± 0.4 | mm |
| Substance | 700 | 780 | 1000 | ± 50 | g/m ² |
| Comp. Strength 10% | >= 7 | >= 9 | >= 16 | - | N/cm ² |
| Curving | - | = < 2.0 | = < 1.5 | - | % |
| Bending Strength | - | >= 350 | >= 300 | - | N/cm ² |
| Surface pH value | 7.0 ~ 8.0 | | | - | - |
| Length and Width | | | | +2.0 ~ -0.2 | mm |

3. Formats Availability and Packaging Unit

| Metric Size | Thickness | Packing Unit | Inch Size | Thickness | Packing Unit |
|--|-----------|--------------|--------------------------------|-----------|--------------|
| 500x700, 700x1000, 1000x1400, 1000,2000, 1220x2440 | 3 mm | 40 sheet | 20x30, 30x40, 32x40, 40x60, | 3 mm | 40 sheet |
| | 5 mm | 25 sheet | | 5 mm | 25 sheet |
| | 10 mm | 15 sheet | 48x96 | 10 mm | 15 sheet |

* This technical data sheet is based on our current knowledge and experience as an advice and suggestion for customers' use without legal responsibilities.

* The above specifications are subject to change without prior notice.