Application Areas:

High-purity PSA hot melt adhesive (1 kg pillow format) developed for nonwoven, elastic attachment, and breathable PE/PP backsheet lamination in disposable hygiene lines (baby diapers, adult incontinence, feminine sanitary pads, and medical drapes).

Engineered specifically for skin-contact hygiene products, delivering odorless, hypoallergenic, and skin-friendly bonding.

Characteristics & Directions for Use:

Water-white, virtually odorless, and ultra-low VOC. Contains no volatile residues or irritating components.

Exhibits superior spray patternability (spiral spray, multi-bead, slot) with high flexibility and soft hand feel on delicate nonwovens.

Processing Parameters:

Process Parameter	Specification / Condition
Recommended Operating Temperature	140 – 160 °C (Spray nozzle: 145 – 155 °C)
Viscosity (Brookfield @ 150°C)	4,500 ± 800 mPa·s (Spindle 27 / 20 rpm)
Application Method	Spiral Spray / Multi-Line Jetting
Coat Weight	2.0 – 6.0 g/m²
Open Time Window	Permanently Open (Pressure-sensitive)
Odor & Purity Grade	Odorless / Medical Purity Grade

Technical Data:

Technical Parameter	Specification Value
Chemical Base	High-Purity Hydrogenated SBC Polymer
Density (@ 20°C)	approx. 0.96 ± 0.02 g/cm³
Softening Point (Ring & Ball)	88 ± 3 °C (ASTM E28 / DIN EN 1238)
Color & Appearance	Water-White Crystal Clear (1kg Pillow)
Solids Content	100 % (Solvent-free pure hotmelt)
Skin Safety	Hypoallergenic / Ultra-Low Odor

Performance Ratings:

Odorless Purity		**100 / 100**
Spiral Spray Pattern Quality		**98 / 100**
Nonwoven Flexibility		**97 / 100**
Low-Temp Pot Stability		**95 / 100**
Hypoallergenic Safety		**99 / 100**

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Cleaning:

Drain while hot. Flush system with Mayer Neutral Cleaner.

Storage & Shelf Life:

Store in a clean, dry area (15 – 25 °C). Shelf life is 24 months.

Packaging:

1 kg Pillow Blocks (20 kg Cartons).

Important Remarks & Legal Notice:

Approved for medical and disposable hygiene manufacturing.

Complies with hygiene purity regulations.

Mayer Adhesive Engineering & Quality Standards:

ISO 9001:2015 certified QA.

Hygiene line spray calibration support.

Zero-odor hydrogenated polymer technology.

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