



High elongation (KSS-700HE & KSS-770HE)

● Application

- Thermal point-bonded nonwoven fabrics for Elastic ear

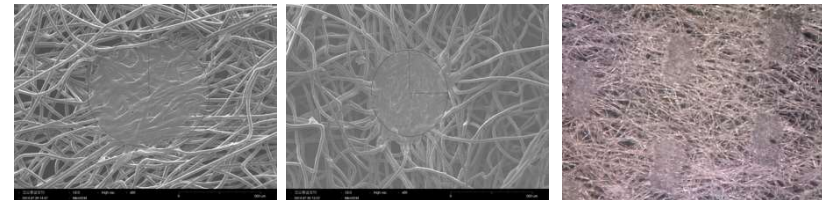


● Key features

- Polypropylene staple fibers having an elongation of more than 400%.
- This fiber makes it possible to produce high elongation thermal point-bonded nonwoven fabrics suitable for elastic ears of diapers.

※ CD (cross machine direction) elongation of nonwovens depends on the bonding area (8~16%), point shape and point arrangement of the calender roll.

- Excellent adhesion when using glue and hot melt.
- Very good thermal bondability and soft touch.



● Fiber properties

Trade name	Characteristic	Denier (De')	Tenacity (g/De')	Elongation (%)	Length (mm)	Remark
KSS-700HE	Hydrophilic	2.2 ~ 2.8	1.90 ~ 2.20	400 ↑	40 / 45 / 60	Fiber properties are adaptable to customer's requirements
KSS-770HE	Hydrophobic					



High lamination (KSS-700HL & KSS-770HL)

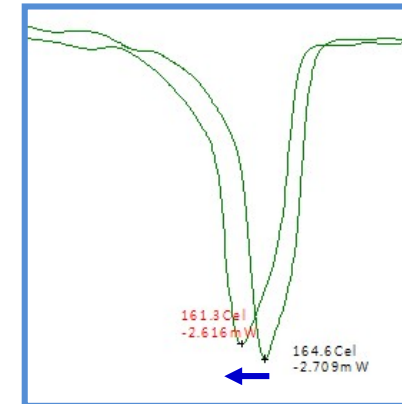
● Application

- Thermal point-bonded nonwoven fabrics for thermally lamination with spunbond nonwoven fabric or film.
(Loop fabrics of Hook & Loop System)



● Key features

- Polypropylene staple fibers with melting point adjusted to ensure lamination with PP film or PP Spunbond nonwovens.
- It improves processability, temperature and strength of thermal lamination because the melting point is 3 °C lower than normal PP staple fiber.
- Very good thermal bondability.
- Special product for nonwovens for loop use.
 - Can improve the shear strength and peel strength of Hook & Loop



● Fiber properties

Trade name	Characteristic	Denier (De')	Tenacity (g/De')	Elongation (%)	Length (mm)	Remark
KSS-700HL	Hydrophilic	2.2 / 2.6 / 3.0	1.90 ~ 2.20	350 ~ 400	40 / 45	Fiber properties are adaptable to customer's requirements
KSS-770HL	Hydrophobic					