



SHC 107-15

AEROGEL ADHESIVE



MAIN APPLICATION

- ◇ Ideal adhesive for aerogel insulation
- ◇ Quick setting synthetic elastomer adhesive

SHC 107-15 is a quick setting synthetic adhesive for installation of Aerogel.

COLOR

Yellow

APPLICATION TOOL

Brush

AVERAGE WEIGHT / LITER (ASTM D 1475)

0.79 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

20% ±0.9 by volume

31% ±1.5 by weight

COVERAGE RANGE (SHTM 13)

(Subject to type of surface and nature of material being bonded)

0.16 kg/m²

Wet Film Thickness: 0.20 mm

Dry Film Thickness: 0.04 mm

BONDING TIME RANGE(25°C, 50%RH) (SHTM 12)

0 ~ 10 minutes

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-29°C ~ 93°C

WET FLAMMABILITY (ASTM D 3278)

Flash Point : -22°C

SURFACE BURNING CHARACTERISTICS (ASTM E 84)

Class 1 or A

Flame Spread: 10

Smoke Developed: 25

REMARKS

Store and apply between 4°C and 38°C.

Contains no asbestos, lead, mercury or mercury compounds.

Always test plastic materials and painted surfaces for compatibility when using a solvent base product.

Allow to dry to a solvent-free condition before installing weld pins.

Make certain this product is completely dry and the area is free from solvent odor if food is involved.

SHTM : SAM HWA TEST METHOD

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The warranted shelf life is one year from date of shipment.

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