

## Hexcel® Redux® 335K Adhesive film for bonding metallic and composite components (0.06 psf)

Category : Polymer , Adhesive , Film , Thermoset , Epoxy , Epoxy Adhesive

### Material Notes:

Redux 335 is a film adhesive curing at 250F. It is available in a range of standard areal weights from 0.015 to 0.06 psf. It is available either unsupported or with knitted and/or matt carrier for additional glueline thickness control. Features: Cures in 60 min at 250°F for optimum properties; Good lap shear performance at temperatures ranging from -67°F to 210°F; Excellent peel properties from -67°F to 180°F; Excellent properties in sandwich structures from -67°F to 180°F; Good performance with 250°F - curing fibre reinforced composites in either co-cure or secondary bonding processes; Good drape at temperatures as low as 50°F; Less than 1% volatile content. Applications: Aluminum to aluminum bonding; Fiber-reinforced composite to composite bonding; Aluminum honeycomb sandwich bonding; Aramid honeycomb sandwich bonding.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hexcel-Redux-335K-Adhesive-film-for-bonding-metallic-and-composite-components-006-psf.php](http://www.lookpolymers.com/polymer_Hexcel-Redux-335K-Adhesive-film-for-bonding-metallic-and-composite-components-006-psf.php)

| Mechanical Properties | Metric               | English              | Comments  |
|-----------------------|----------------------|----------------------|-----------|
| Shear Strength        | 13.1 MPa             | 1900 psi             | Lap Shear |
|                       | @Temperature 93.3 °C | @Temperature 200 °F  |           |
|                       | 29.6 MPa             | 4300 psi             |           |
| Peel Strength         | @Temperature 60.0 °C | @Temperature 140 °F  | Lap Shear |
|                       | 39.3 MPa             | 5700 psi             | Lap Shear |
|                       | @Temperature 21.1 °C | @Temperature 70.0 °F |           |
| 12.6 kN/m             | 72.0 pli             |                      |           |
|                       | @Temperature 21.1 °C | @Temperature 70.0 °F |           |

| Processing Properties | Metric                | English               | Comments |
|-----------------------|-----------------------|-----------------------|----------|
| Shelf Life            | 12.0 Month            | 12.0 Month            |          |
|                       | @Temperature -17.8 °C | @Temperature 0.000 °F |          |

| Descriptive Properties         | Value       | Comments |
|--------------------------------|-------------|----------|
| Areal Weight (psf)             | 0.06        |          |
| Climbing Drum Peel (in-lb/3in) | 102         | 70°F     |
| Standard Roll (ft2)            | 540         |          |
| Support                        | Woven nylon |          |

## **Contact Songhan Plastic Technology Co.,Ltd.**

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