

Advanced Materials



chemical-concepts.com
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HUNTSMAN

Enriching lives through innovation

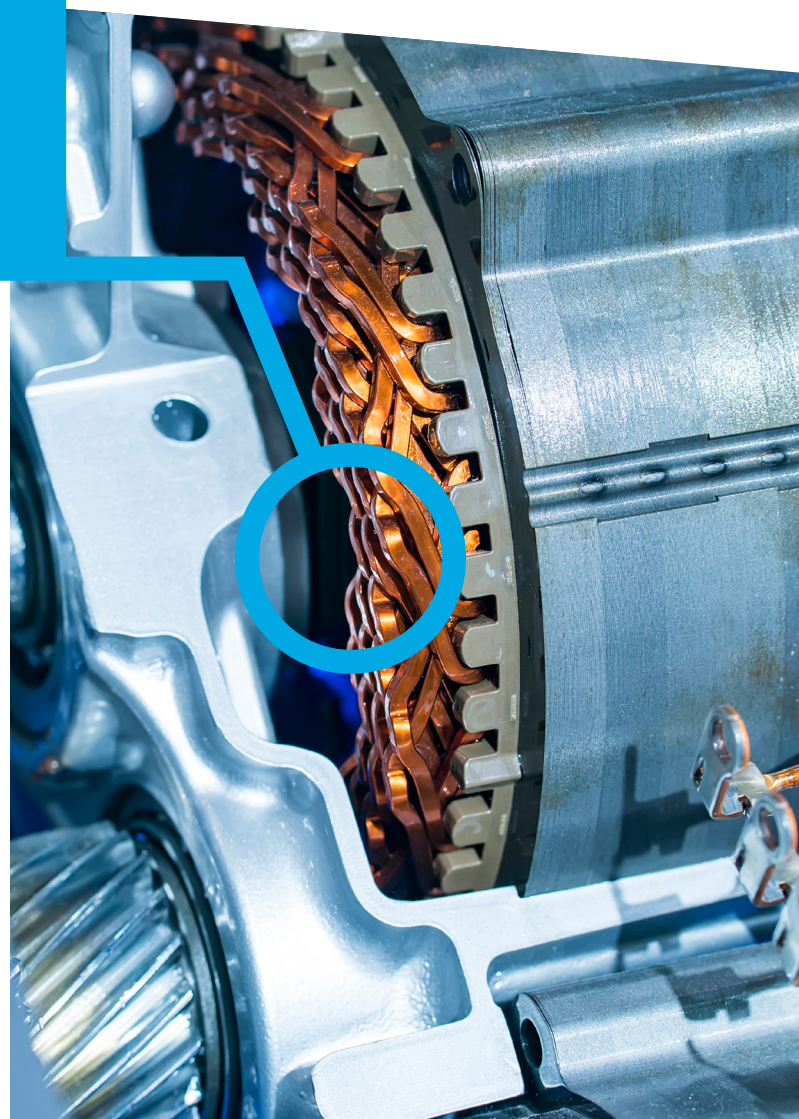
HIGH-HEAT PERFORMANCE MEETS PRODUCTIVITY

ARALDITE® 2035
Adhesive resists
extreme temperatures
and increases
productivity by
up to 80%.

Manufacturers today strive to avoid lengthy production times and energy-intensive heat curing ovens on the manufacturing floor. ARALDITE® 2035 Adhesive reaches handling strength up to three times faster at room temperature, so parts can be assembled in one working shift, eliminating the need for heat curing.

Transportation and industrial parts often require both high heat resistance and high compressive strength. ARALDITE® 2035 Adhesive offers an exceptional service temperature of 400°F/204°C, resulting in reduced maintenance and extended part lifespan. Its impressive heat resistance, heat dissipation properties and compressive strength make it suitable for electric motors, tooling, oil & gas, powder coating processes and other automotive applications.

ARALDITE® 2035 Adhesive offers an ideal solution for parts manufacturers seeking to optimize production and performance requirements for transportation and industrial applications.



MADE POSSIBLE

WHAT MAKES ARALDITE® 2035 STRUCTURAL ADHESIVE DIFFERENT?

ARALDITE® 2035 Adhesive is a two-component, room-temperature curing epoxy structural adhesive specifically designed for demanding applications requiring high-heat resistance and compressive strength.

GREATER VERSATILITY

12_{pli}/ 2.1N/mm	12,000_{psi}/ 82.7MPa
T-Peel (Room temp) = 140% improvement	Compression (350°F/177°C) = 154% improvement
1100_{psi}/ 7.6MPa	400°F/ 204°C
Lap shear (400°F/200°C) = 83% improvement	Designed for service temperatures of up to 400°F/204°C

2:1 mix ratio


True 2:1 mix ratio pbv

IMPROVED PRODUCTIVITY


↑ **80%**

Up to 80% improvement in throughput

LESS MAINTENANCE

↓ 

Improved end-product lifetime



No SVHC as defined under REACH (Does not intentionally contain any Substances of Very High Concern (SVHC) as published by the European Chemicals Agency (ECHA) pursuant to Article 59 REACH as of October 11, 2016)

For more information:
www.huntsman.com/materials/adhesives

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