



Advancing the future of mobility with DOWSIL™ EA-7300 Adhesive



Fast Cure

Single-component

Low-temperature cure

High elongation

Driving the next generation of mobility forward with innovative solutions that meet evolving industry demands. **DOWSIL™ EA-7300 Adhesive**, a cutting-edge adhesive designed to support higher throughput and deliver exceptional durability.

Engineered for advanced applications such as power electronics, ADAS technology, and EV electronics, **DOWSIL™ EA-7300 Adhesive** offers rapid in-line processing, dual-cure adhesion, and outstanding resistance to salt spray and thermal cycling—ensuring reliable, long-lasting bonds in even the most demanding environments. Whether applied through automated or manual dispensing, this adhesive boosts efficiency without compromising strength.

With faster, low-temperature curing and compatibility with lightweight materials, **DOWSIL™ EA-7300 Adhesive** helps to reduce processing costs while meeting the challenges of next-generation mobility.

Typical material properties

Property	Value
Specific gravity (g/mL)	1.15
Viscosity at 25°C, 20 RPM HAT 7 (cP)	250,000
Viscosity at 25°C, 2 RPM HAT 7 (cP)	650,000
Cure time at 105°C (minutes)	30
Cure time at 125°C (minutes)	5
Durometer (Shore A)	20
Tensile strength (MPa)	2.9
Lap shear adhesion to alclad (MPa)	1.9
Dielectric strength (kV/mm)	15.7
Volume resistivity (Ohm*cm)	1.10E+13

These are typical properties, not to be construed as specifications.

Features

- One-part, nonflowing, low-temperature heat-cure adhesive
- Dual cure for increased adhesion
- High elongation for added stress-relief
- Fast in-line processing
- Rapid thermal radical cure
- Durable adhesion to a wide range of substrates
- Suitable for automated or manual dispensing
- Excellent resistance to salt spray & thermal cycling

Applications requiring strong adhesion durability:

- Power electronics
- ADAS technology
- EV electronics



Learn more

We offer more than just an industry-leading portfolio of advanced silicone-based materials. As your dedicated innovation leader, we bring process and application experience, a network of technical specialists, a reliable global supply base, and world-class customer service.

To find out how we can support your applications, visit [dow.com/mobility](https://www.dow.com/mobility).

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