



Rev.: 2017

### Aremco-Bond 526 / 526-N

#### Description

Aremco-Bond adhesives are impressive 2-K high performance epoxy resins, for special bonding and applications up to 300 °C.

Suitable for bonding ceramics, glass, metals and many plastics.

#### Usage

Aremco-Bond 526/526-N is an unfilled 2-K system with an excellent temperature resistance of 300 °C. The ability to bond Teflon, Rulon or similar fluorocarbon polymers to itself or metals, glass and ceramics characterizes these adhesives.

#### Technical Data

Characteristics	Aremco-Bond 526	Aremco-Bond 526-N
Max. Temperature	300 °C	300 °C
Spez. Weight	1.12 g/cm <sup>3</sup>	1.23 g/cm <sup>3</sup>
Dielectric Strength	450 volts/mil	450 volts/mil
Dielectric Constant	3.01 (1.0 kHz)	3.01 (1.0 kHz)
Flexural Strength	16.000 psi	18.000 psi
Tensile Shear Strength	2.800 psi	2.800 psi
CTE	33 (cm/cm/°C x 10 <sup>-6</sup> )	33 (cm/cm/°C x 10 <sup>-6</sup> )
Mixed Viscosity at 25 °C	N/A	8.500 cps
Mix Ratio	100 : 2 by Weight	1 : 1 by Weight
Hardness	N/A	89 Shore D
Colour	Amber	Amber

#### Handling

All surfaces must be free of oil, grease, dirt, oxides and other foreign matter. Non-porous surfaces can be sandblasted, etched or roughened.

In most cases the adhesive should be applied to both surfaces at a thickness of less than 0.25 mm. After joining the composite parts, both parts should be secured to prevent misalignment and air pockets.

#### Hardening

##### **Aremco-Bond 526**

- 2 Hours at 100 °C  
+2 Hours at 160 °C

##### **Aremco-Bond 526-N**

- 2 Hours at 90 °C  
+2 Hours at 160 °C

##### **Alternative Hardening**

- 3-4 Hours at 150 °C

Alle hier gemachten Angaben dienen der Information und sind keine rechtsverbindlichen Zusagen. Sie entbinden den Anwender nicht von eigenen Vorversuchen.  
Wir haften nicht für Verarbeitungsergebnisse.

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Erfüllungsort ist Sitz des Lieferanten. Die Ware bleibt bis zur restlosen Bezahlung Eigentum des Lieferanten. Es gelten unsere Geschäftsbedingungen