AEROPASTE® 1006

Adhesive

Cytec Industries Inc.

Message:

AeroPaste® 1006 is a two-part, low-temperature-curing paste adhesive designed for out-of-autoclave structural bonding and rapid assembly applications. AeroPaste 1006 paste adhesive provides high strength, high toughness and excellent hot/wet properties with flexible curing schedules and ease of use.

Suggested Applications:

Structural bonding of metals and composites

Repair applications

High Strength High Strength High Strength High Strength High Strength	General Information		
	Features	Good Toughness	
Repairing Material Structural Parts Structural Parts		High Strength	
Repairing Material Structural Parts Structural Parts			
Structural Parts Paste	Uses	Bonding	
Appearance		Repairing Material	
Physical Nominal Value Unit Specific Gravity 1 0.990 g/cm³2 1.05 g/cm³3 1.10 g/cm³3 1.10 y/cm³3 1.20 to 122 "C5 122 to 124 "C5 122 to 124 "C5 122 to 124 "C5 125 to 125 "C5 125 to		Structural Parts	
Physical Nominal Value Unit Specific Gravity 1 0.990 g/cm³2 1.05 g/cm³3 1.10 g/cm³3 1.10 y/cm³3 1.20 to 122 "C5 122 to 124 "C5 122 to 124 "C5 122 to 124 "C5 125 to 125 "C5 125 to			
Physical Nominal Value Unit Specific Gravity ¹ 0.990 g/cm³ ² 1.05 g/cm³ ³ 1.10 g/cm³ Thermal Nominal Value Unit Glass Transition Temperature ⁴ 120 to 122 °C ⁵ 122 to 124 °C Thermoset Nominal Value Unit Thermoset Components Wike Ratio by Weight: 45 Resin Mix Ratio by Weight: 100 Thermoset Mix Viscosity 40000 cP NOTE 1. Hardener, Part B 2. Mixed 3. 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	Appearance	Green	
Specific Gravity	Forms	Paste	
1 0.990 g/cm³2 1.05 g/cm³3 1.10 g/cm³ Thermal Nominal Value Unit Glass Transition Temperature4 120 to 122 °C5 122 to 124 °C Thermoset Nominal Value Unit Thermoset Components Hardener Mix Ratio by Weight: 45 Resin Mix Ratio by Weight: 100 Thermoset Mix Viscosity 40000 cP NOTE 1. Hardener, Part B 2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	Physical	Nominal Value	Unit
1.05 g/cm ³ 3 1.10 g/cm ³ 3 1.10 g/cm ³ 4 120 to 122 °C 5 122 to 124 °C	Specific Gravity		
1.10 2 2 2 2 2 2 2 2 2	1	0.990	g/cm³
Thermal Nominal Value Unit Glass Transition Temperature 4 120 to 122 °C 5 122 to 124 °C Thermoset Nominal Value Unit Thermoset Components Hardener Mix Ratio by Weight: 45 Resin Mix Ratio by Weight: 100 Thermoset Mix Viscosity 40000 cP NOTE 1. Hardener, Part B 2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	2	1.05	g/cm³
Case Case	3	1.10	g/cm³
⁴ 120 to 122 °C ⁵ 122 to 124 °C Thermoset Nominal Value Unit Thermoset Components Hardener Mix Ratio by Weight: 45 Resin Mix Ratio by Weight: 100 Thermoset Mix Viscosity 4000 cP NOTE 1. Hardener, Part B 2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	Thermal	Nominal Value	Unit
5 122 to 124 °C Thermoset Nominal Value Unit Thermoset Components Hardener Mix Ratio by Weight: 45 Resin Mix Ratio by Weight: 100 Thermoset Mix Viscosity 40000 cP NOTE 1. Hardener, Part B 2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	Glass Transition Temperature		
Thermoset Components Hardener Mix Ratio by Weight: 45 Resin Mix Ratio by Weight: 100 Thermoset Mix Viscosity 40000 cP NOTE 1. Hardener, Part B 2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	4	120 to 122	°C
Thermoset Components Hardener Mix Ratio by Weight: 45 Resin Mix Ratio by Weight: 100 Thermoset Mix Viscosity 40000 cP NOTE 1. Hardener, Part B 2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	5	122 to 124	°C
Hardener Mix Ratio by Weight: 45 Resin Mix Ratio by Weight: 100 Thermoset Mix Viscosity 40000 cP NOTE 1. Hardener, Part B 2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	Thermoset	Nominal Value	Unit
Resin Mix Ratio by Weight: 100 Thermoset Mix Viscosity 40000 cP NOTE 1. Hardener, Part B 2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	Thermoset Components		
Thermoset Mix Viscosity A000 cP NOTE 1. Hardener, Part B 2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	Hardener	Mix Ratio by Weight: 45	
NOTE 1. Hardener, Part B 2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	Resin	Mix Ratio by Weight: 100	
1. Hardener, Part B 2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	Thermoset Mix Viscosity	40000	сР
2. Mixed 3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	NOTE		
3. Resin, Part A 4. Tg wet (2 hrs - 200°F cure)	1.	Hardener, Part B	
4. Tg wet (2 hrs - 200°F cure)	2.	Mixed	
	3.	Resin, Part A	
	4.	Tg wet (2 hrs - 200°F cure)	
5. Tg Dry (2 hrs - 200°F cure)	5.	Tg Dry (2 hrs - 200°F cure)	

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