



Axis M-30CL

Technical Data Sheet

Axis M-30CL is a low viscosity, medical grade industrial adhesive. This two-part epoxy cures at room temperature providing high strength bonds to a wide variety of substrates. Once cured it is resistant to an extensive range of chemicals and is stable over a wide temperature range. Axis M-30CL complies with the Limit of Volatile Organic Compounds content in adhesives (GB 33372-2020) National Standard of the People's Republic of China.

APPLICATIONS	FEATURES	SUBSTRATES
<ul style="list-style-type: none">General Medical	<ul style="list-style-type: none">Biocompatible per ISO 10993-5	<ul style="list-style-type: none">Various Plastics and Metals
<ul style="list-style-type: none">Bonding	<ul style="list-style-type: none">Low Viscosity	
<ul style="list-style-type: none">Laminating	<ul style="list-style-type: none">Clear	
<ul style="list-style-type: none">Small potting		
<ul style="list-style-type: none">Staking		

Typical Properties of Uncured Material*

Chemical Class	Epoxy : Amine
Color (Part A / Part B)	Clear : Amber
Viscosity, Part A @25°C, Spn7 @20RPM, cps	11,000 – 15,000
Viscosity, Part B @25°C, Spn5 @20RPM, cps	1,900 – 2,400
Specific Gravity Part A	1.16
Specific Gravity Part B	1.09
Mix Ratio, PBV (A:B)	2 : 1
Cleanup Solvent	Isopropyl alcohol

Cure Guidelines*

Work Life of 100 grams @ RT, minutes	35
Gel Time of 100 grams @ RT, minutes	60
Cure Time @ RT, hours	24

Typical Properties of Cured Material*

Durometer, Shore D	75
Elongation, %	<10%
Tensile Strength, MPa, [psi]	48 [7,000]
Lap Shear Strength, Al / Al, psi	625

*All properties given are typical values and are not intended for use in preparing specifications.

Storage

Keep stored between 8°C and 28°C in tightly sealed containers away from direct sunlight. Keep from freezing. Please refer to product labeling for shelf life information. Consult SDS for safe handling recommendations.

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