

EASYPOXY® K-230

Epoxy; Epoxide

Cytec Industries Inc.

Message:

EASYPOXY K-230 Optically Clear Kit is a two-component, 100% solids system that is used in thin films to bond glass. This adhesive is recommended for bonding substrates with widely different coefficients of expansion because of its cured resiliency. This same resiliency favors bonding elastomeric to rigid substrates. Its neutral color 's an advantage where the bond line should not be noticeable.

General Information		
Uses	Films	
	Bonding	
Appearance	Clear/transparent	
Forms	Adhesive	
Physical	Nominal Value	Unit
Specific Gravity		
-- ¹	1.08	g/cm ³
-- ²	1.17	g/cm ³
Molding Shrinkage - Flow	0.67	%
Water Absorption ³ (25°C, 24 hr)	0.37	%
Solids Content		
Part A - Resin	100	%
Part B - Hardener	100	%
Viscosity		
Part A - Resin : 25°C	Light Paste	
Part B - Hardener : 25°C	Light paste	
Antifungal	Non-nutrient	
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	80	
Mechanical	Nominal Value	Unit
Tensile Strength ⁴		
-55°C	9.38	MPa
25°C	16.9	MPa
82°C	10.5	MPa
Flexural Strength	68.9	MPa
Compressive Strength	124	MPa
Thermal	Nominal Value	Unit
Thermal Conductivity	0.21	W/m/K
Electrical	Nominal Value	Unit
Volume Resistivity (25°C)	4.0E+13	ohms · cm
Dielectric Constant (25°C, 1 kHz)	4.60	

Dissipation Factor (25°C, 1 kHz)	0.012	
Thermoset	Nominal Value	Unit
Thermoset Components		
Resin	Mixing ratio by weight: 100	
Hardening method	Mixing ratio by weight: 45	
Pot Life (25°C)	60	min
Shelf Life	78	wk
Demold Time		
25°C	1400 - 2200	min
65°C	120	min
NOTE		
1.	Hardener	
2.	Resin	
3.	Immersion	
4.	Etched AL/AL	

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