

# EASYPOXY® K-20

Epoxy; Epoxide

Cytec Industries Inc.

## Message:

EASYPOXY K-20 is a general purpose, two-component, room-temperature curing adhesive/sealant that bonds a wide variety of surfaces. EASYPOXY K-20 is relatively insensitive to mixing ratios. Since there are no solvents, there is no fire hazard. EASYPOXY K-20 is non-toxic when cured and is widely used for bonding, sealing, and repairing metal, wood, rubber, and most plastics.

General Information		
Features	Non-Toxic	
Uses	Adhesives Bonding Repairing Material Sealants	
Appearance	Clear/Transparent	
Forms	Paste	
Physical	Nominal Value	Unit
Specific Gravity	1.35	g/cm <sup>3</sup>
Molding Shrinkage - Flow	0.70	%
Water Absorption <sup>1</sup> (25°C, 24 hr)	0.40	%
Viscosity		
Part A : 25°C	Paste	
Part B : 25°C	Paste	
Fungal Resistance	Non-nutrient	
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	85	
Mechanical	Nominal Value	Unit
Tensile Strength	20.7	MPa
Flexural Strength	41.4	MPa
Compressive Strength	68.9	MPa
Thermal	Nominal Value	Unit
Thermal Conductivity	0.24	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		
Hardener	Mix Ratio by Weight: 45	
Resin	Mix Ratio by Weight: 100	

Pot Life (25°C)	20	min
Shelf Life	78	wk
Demold Time		
25°C	1400	min
65°C	120	min
Cured Properties	Nominal Value	Unit
Lap Shear Strength <sup>2</sup>		
-55°C	11.0	MPa
25°C	17.2	MPa
82°C	15.9	MPa
NOTE		
1.	Immersion	
2.	Etched AL/AL	

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#### Recommended distributors for this material

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