

FIS ROOM TEMPERATURE CURE EPOXY

Fast-curing optical epoxy for fiber optics, optics, opto-electronics, and general adhesive applications.

Part Numbers:

T120-023-CX (Single Pack)

T120-023-CX-50 (50 Pack)



TYPICAL PROPERTIES

Number of Components	Two
Mix Ratio (Don't Exceed 5 gram mixture)	Parts By Weight
Part A	2
Part B	1
Color	
Before Cure	Clear
After Cure	Slightly Yellow
Shelf Life	
One year when stored at room temperature	
Curing Schedule	
Room Temp. (-22° C)	5 Minutes
Pot Life	<2 minutes
Spectral Transmission	
300nm	>10%
350nm	>96%
600nm	>96%
900nm	>96%

Index of Refraction	1.545
Specific Gravity	
Part A	1.16
Part B	1.03
Glass Transition Temp. (Tg)	
cured @ 150° C/1 hour	89° C
Lap Shear Strength @ 25°C	1000psi @ 23° C
Viscosity (23° C/20rpm)	
Part A	2100 cPs
Part B	1200 cPs
Operating Temperature	-20 to 70° C
Hardness, Shore D	82
Die Shear Strength	>10 Kg/3400 psi @ 23°C