

STAR[®] Technology

FORMULATING • INNOVATIVE • SOLUTIONS

ER3280-Black Potting & Encapsulating Compound

DESCRIPTION:

ER3280-Black is an easy to mix two-part room temperature cure epoxy potting and encapsulating compound. ER3280-Black has a convenient mix ratio of 1:1 by volume and a low viscosity that delivers outstanding flow and leveling properties. ER3280-Black will adhere to most metals, wood, Styrofoam, glass, most engineering plastics, and many surface treated polyolefins. Because of the slow gel time and simple mix ratio, ER3280-Black lends itself to a variety of manual and automated dispense possibilities. Viscosity may be thixotrope for vertical and non-sag applications.

TYPICAL PROPERTIES:

Part A:	
Specific Gravity (g/cc):	1.16
Color:	Black
Viscosity (cps):	12,000
Part B:	
Specific Gravity (g/cc):	0.96
Color:	Clear
Viscosity (cps):	3,420
Mix Ratio:	
By Volume:	1 : 1
By Weight:	100 : 84
Gel time (minutes):	~50
Shore Hardness (D):	75 to 80
Dielectric Strength (volts.mil):	>400
Maximum Operating Temp (°C):	105
Shelf Life:	
Part A (months):	12
Part B (months):	12