

Grade: ARMC-2150

Manufacturer:

Aremco Products, Inc.

Description:

Ceramic-filled, fast-setting, high vibration resistance and bond strength epoxy. All properties starting from Temperature Resistance and down to the end of the list are for cured material.

PROPERTY	US VALUE		METRIC VALUE	
Mix Ratio by Weight	100:13	resin:hardener		
Specific Gravity	1.50	gms/cc		
Mixed Viscosity	Paste	@ 25°C, cps		
Pot Life	.25	100gm @ 25°C, hours		
Recommended Cure	24/RT	hours/°F	24/RT	hours/°C
Alternate Cure	1/RT + .5/200	hours/°F	1/RT + .5/93	hours/°C
Temperature Resistance	-67/400	°F	-55/204	°C
CTE	18	in/in °F x 10 ⁻⁶	32	Microns/m °C
Tensile Shear Strength	2350	psi	16.2	mpa
Flexural Strength	11800	psi	81.4	MPa
Volume Resistivity	1.0 x 10¹⁵	ohm-cm @ RT		
Dielectric Strength	460	volts/mil		ac-kv/mm
Dielectric Constant	4.2	1.0 kHz		
Dissipation Factor	.03			
Chemical Resistance	Good			
Color	Black			
Hardness, Shore D	84			
Cure Shrinkage	.004	in/in		