

Grade: ARMC-2318

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	100:12	resin:hardener		
Specific Gravity	1.58	gms/cc		
Mixed Viscosity	16,000	@ 25°C, cps		
Pot Life	2	100gm @ 25°C, hours		
Recommended Cure	4/RT + 2/200	hours/°F		hours/°C
Alternate Cure	24-48/RT	hours/°F		hours/°C
Temperature Resistance	-67/248	°F	-55/120	°C
CTE	39.0	in/in °F x 10 ⁻⁶	70.2	Microns/m °C
Volume Resistivity	3.0 x 10¹⁵	ohm-cm @ RT		
Dielectric Strength	460	volts/mil		ac-kv/mm
Dielectric Constant	4.8	1.0 kHz		
Dissipation Factor	.01			
Chemical Resistance	Excellent			
Color	Black			
Hardness, Shore D	89			
Cure Shrinkage	.003	in/in		