

ELECTRICAL CASTING EPOXY RESINS

PRODUCT NAME	EEW / WPE (g/eq)	VISCOSITY @ 25°C (cps)	APPLICATIONS / COMMENTS
C-1	360 - 420	390 - 520 (@ 120°C)	Casting resin cured with anhydrides for insulators, switch gear, bushings and components requiring high mechanical strength.
C-2	350 - 400	270 - 400 (@ 120°)	Lower viscosity and less reactive version of C-1 resin.
C-17	180 - 195	9000 - 13,000	Casting resin with controlled reactivity for electrical applications such as transformers, insulating components and ignition coils.
C-50	189 - 200	12000-20000	Specially formulated casting resin designed for use with formulated anhydride hardener K61 by the pressure gelation process to fabricate electrical insulating indoor medium and high voltage components rated as Class H (180° C) as per IEC 85.
XR-27	188 - 200	4500 - 5500	Flexibilized Bis –A epoxy resin of low viscosity used in combination with anhydride hardeners to cast medium or high voltage indoor electrical insulators, bushings and instrument transformers.
XR-34	161 - 178	700 - 900	Cycloaliphatic epoxy resin. Cured with a cycloaliphatic carboxylic acid anhydride, it gives outstanding arc and tracking resistance. Recommended for outdoor applications. Thermal endurance rated as 155° C (Class F).