

GET AE 100 - TDS



Properties

Thermal conductivity at RT	1.0 W m ⁻¹ K ⁻¹
Lap Shear strength, 0.1mm layer	29 MPa
Color	Black
Surface Resistivity	>1 10 ⁸ Ω.cm
Operating temperature range	-100°C to +140°C


Curing Properties

Mix ratio (resin:hardener)	2:1 by Volume 2.34:1 by weight
Handling time at 23°C	5-9 hours
Working Strength	23°C: 30 hours 60°C: 1.5 hours
Full cure	23°C: 72 hours 60°C: 2 hours

Surface Preparation

Surfaces should be cleaned and polished if rough prior to applying the adhesive. This is best done by using acetone, isopropanol, or a similar suitable solvent. The suitability depends on the surface. If the surface is oxidized it might be beneficial for the heat distribution to gently remove it with abrasive paper.

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