



dyson

Araldite[®] 2022 Adhesive

Application	Bonding parts of the Dyson Digital Motor used in the Dyson Airblade™
Substrates bonded	Polyester thermoset on a polycarbonate/ABS alloy
Pretreatments	None
Design of joint	Coaxial. The adhesive is robot applied on X-Y table
Curing conditions	Room temperature (acclimatized area). During cure the parts are held in a jig
Special service conditions	The bonded joints are to resist 248°F and should not be affected when exposed to temperatures of -50°F during transport
Advantages for the customer	The adhesive has excellent gap filling properties, and maintains a high bonding and impact strength at elevated operating temperatures
Advantages over competition	The substrates to be bonded largely limit the choice of adhesives. Araldite [®] 2022 Adhesive suited its purpose best
Araldite[®] Adhesive used	Araldite [®] 2022 Adhesive
Customer location	Great Britain (manufactured in Singapore)

Fast Facts

Araldite[®] 2022 Adhesive is a two component, room temperature curing, methacrylate adhesive for fast assembly operations on a wide range of substrates including those which can be "difficult to bond".

Good sanding properties

Ideal for bonding thermoplastics

Excellent resistance to petrol and oils

Tolerant to "less than ideal" pretreatment

Gap filling to 4mm

Ideal for bonding:

- ABS
- PVC
- Polycarbonate
- Aluminium
- Steel