

Araldite® multi-purpose structural adhesives

Designed for fast bonding of dissimilar substrates

New fast-curing adhesives based on methyl methacrylate technology offering outstanding performance on a large variety of materials including composites



Araldite® 2021-1

Araldite® 2022-1

For industrial assemblies requiring an increased productivity with cost-competitive bonding solutions

Outstanding performance

- > Show outstanding level of lap shear strength on dissimilar materials including composites
- > Provide high toughness and resilience to vibrations, impact and dynamic loading

Easy processing

- > Bond a large variety of materials without the need of surface pre-treatment
- > Offer non-sagging and gap filling properties, ideal for vertical applications

Economic packaging

- > Available in different sizes of economic packaging
- > Include innovative nozzles preventing cross contamination between components

Araldite® quality

- > 70-year experience in structural bonding
- > Global commercial and technical footprint

Araldite® 2021-1 and Araldite® 2022-1

Designed for fast bonding of dissimilar substrates

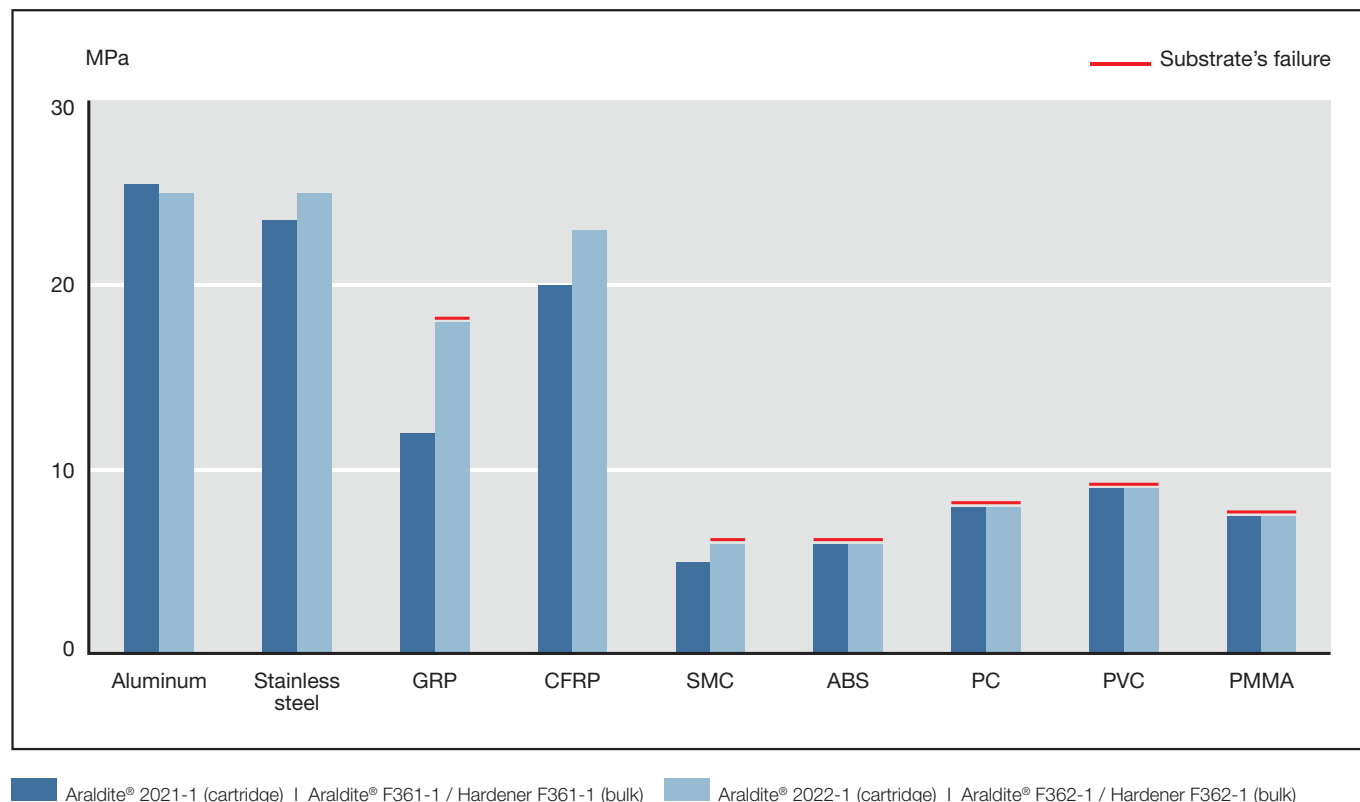
Typical performance

	Araldite® 2021-1	Araldite® 2022-1
Pot life	3 min	10 min
Fixture time	9 min	12 min
Maximum service temperature	100 °C	100 °C
Tensile strength	42 MPa	45 MPa
Tensile modulus	1 800 MPa	1 700 MPa

Benefits

- > Excellent adhesion to metals, thermoset composites and most thermoplastics
- > Good adhesion with minimum surface preparation
- > Tolerant to mix-ratio variations
- > Optimum ratio open-time / cure time for increased productivity
- > High resilience
- > Good temperature resistance of up to 100°C
- > Good long-term durability
- > Easy processing
- > Innovative cartridge packaging

Lap Shear Strength at 23°C (ISO 4587)



Learn more on www.huntsman.com/advanced_materials

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