

Comparison of Physical Properties between SUPER ALLOY and the Leading Competitive Material

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Figures presented are intended to help you make a practical comparison between SUPER ALLOY and competitive materials. They are typical values achieved after seven day cure at room temperature 72°F (21°C) by an independent testing lab.

TEST	STANDARD	SUPER ALLOY	COMPETITIVE
Compressive Strength	ASTM D-695	15,200 psi	13,600 psi
Hardness Shore D	ASTM D-1706	87	87
Adhesive Tensile Shear	ASTM D-1002	2,000 psi	2,186 psi
Abrasion Resistance	Standard 406 Method 1091: mg/1000 cycles Avg. 5000 cycles	Federal Test 20 mg. wt. loss per 1000 cycles	101 mg. wt. loss per 1000 cycles
Flexural Strength	ASTM D-790	7,700 psi	8,400 psi
Material Machinable within:		3 hours	6 hours
Complete Cure within:		18 hours	24 hours
Cost Differential		-----	5-50% more costly than SUPER ALLOY

ADVANTAGES:

ITW Philadelphia Resins' local distributor network providing dependable availability, convenience and technical service.

Superior abrasion resistance.

Faster service time for machining.

Faster curing rate for decreased downtime.

Major cost savings on large and small projects.

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