

Atlac 382-05A

Thermoset Polyester
Reichhold Chemicals, Inc.

Message:

Atlac 382-05A is a Thermoset Polyester product. It can be processed by filament winding, hand lay-up, or laminating and is available in North America.
Typical application: Coating Applications.
Characteristics include:
Chemical Resistant
Heat Resistant

General Information	
Features	Good Chemical Resistance High Heat Resistance
Uses	Laminates
Forms	Liquid
Processing Method	Filament Winding Hand Lay-up Laminating

Physical	Nominal Value	Unit	Test Method
Apparent Density	1.12	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness (3.18 mm)	35		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2960	MPa	ASTM D638
Tensile Strength (Yield)	68.9	MPa	ASTM D638
Tensile Elongation (Yield)	2.6	%	ASTM D638
Flexural Modulus	2830	MPa	ASTM D790
Flexural Strength (Yield)	103	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	132	°C	ASTM D648

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