

GranQuartz
455 Satellite Blvd. NW
Suwanee, GA 30024
800-458-6222

-Technical Data Sheet-

GranQuartz Pro Series Vinyl Ester Knife Grade

Product: Pro Series Vinyl Ester Knife Grade

Material Class: Vinyl Ester Adhesive System

1) Handling Properties

Mix Ratio:	100:3 resin to paste hardener by weight
Gel Time at 70 degF:	3-5 minutes
Cure Time at 70 degF:	15-25 minutes

2) Mechanical Properties

Shore D Hardness:	87
Tensile Strength:	8,500 psi
Flexural Strength:	12,500 psi
Compressive Strength:	18,000 psi
Cure Shrinkage:	~1%
Temperature Limits:	0° - 150° Fahrenheit (cured)

3) Chemical Resistance

Water Absorption:	< 0.5%
Salt (10%):	Stable
Ammonia (10%):	Stable
Hydrochloric Acid (10%):	Not Tested
Acetic Acid (10%):	Not Tested
Petroleum:	Stable
Lubricating Oil:	Stable

4) Physical Properties

Color:	Pearlescent/Translucent
Consistency:	Paste

STORAGE

- Keep the container closed when not in use
- To maximize shelf life, store in a climate controlled environment not exceeding 75°F (24°C)
- Avoid exposure to direct sunlight
- Proper storage should result in a shelf life of 1 year

SAFETY

- Follow all safety measures provided on product label and SDS