

Stone Boss
15-01 Pollitt Drive – Unit 2
Fair Lawn, NJ 07410
888-868-BOSS

-Technical Data Sheet-

Panther Black Knife Grade

Product: Polyester Black Knife Grade

Material Class: Polyester System

1) Handling Properties

Mix Ratio: 100:2 resin to paste hardener by weight
Gel Time at 70 degF: 4-6 minutes
Cure Time at 70 degF: 15-30 minutes

2) Mechanical Properties

Shore D Hardness: 80
Tensile Strength: 7,000 psi
Flexural Strength: 12,000 psi
Compressive Strength: 15,000 psi
Cure Shrinkage: ~1.5%
Temperature Limits: 0° - 300° 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: Black
Consistency: Paste

STORAGE

- Keep the container closed when not in use
- To maximize shelf life, store in a climate controlled environment not exceeding 85°F (29°C)
- Avoid exposure to direct sunlight
- Proper storage should result in a shelf life of 1 year (estimate)

SAFETY

- Follow all safety measures provided on product label and MSDS