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

# -Technical Data Sheet-

## Panther Poxy Transparent Knife Grade

**Product:Polyester Transparent Knife Grade**
Material Class: Polyester System

1) Handling Properties

| | |
|---|---|
| Mix Ratio: | 100:3 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: | 85 |
| Tensile Strength: | 8,500 psi |
| Flexural Strength: | 14,400 psi |
| Compressive Strength: | 15,000 psi |
| Cure Shrinkage: | ~2% |
| Temperature Limits: | 0˚- 300˚Farenheit (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: | Light Amber |
| 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 1-3 years (estimate)

SAFETY
- Follow all safety measures provided on product label and SDS