

# CDK Stone

4-6 Freighter Road Moorabbin VIC 3189 (03) 8552 6000

## -Technical Data Sheet-

**Product:** CDK PolyPlus Polyester Buff Knife Grade  
**Material Class:** Polyester System

### 1) Handling Properties

Mix Ratio: 100:3 resin to paste hardener by weight  
Gel Time at 21°C: 4-6 minutes  
Cure Time at 21°C: 15-30 minutes

### 2) Mechanical Properties

Shore D Hardness: 85  
Tensile Strength: 7,500 psi  
Flexural Strength: 11,000 psi  
Compressive Strength: 17,000 psi  
Cure Shrinkage: ~2%

### 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

\*\*\* This data is provided for informational purposes only. Results based on tests performed by Superior Stone Products.\*\*\*