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## SAMPLE PRODUCT INFORMATION

## 35-778A/B

### DESCRIPTION

Two component filled epoxy system. The system cures to a hard impact resistant product with minimal shrinkage. Its high compression strength makes it suitable for backing in gyratory and cone crushers. The hardener is not regulated as being corrosive by transport, thus it has a low vapour pressure and skin irritation potential. The product does not contain VOC's, BGE or Nonyl Phenol.

### TYPICAL PROPERTIES

Appearance

Specific Gravity, gm/cm<sup>3</sup>

Viscosity, cps

#### **35-778A**

Grey

1.78 +/- .04

40,000-80,000 @ 25°C

#### **35-778B**

Clear

1.02 +/- .01

400-600 @ 25°C

### HANDLING INFORMATION

Formulation (Parts by weight)

100:8.2

Formulation (Parts by volume)

7:1

Gel Time (200 gms mass/@ 25°C)

1-1.5 hrs

Cure Cycle

24-48 hrs @ R.T. OR 4 hrs @ 60°C

### PHYSICAL PROPERTIES OF CURED PRODUCT

Hardness (Durometer)

90D

Specific Gravity, gm/cm<sup>3</sup>

1.68

Compressive Strength, psi

16,500

Compressive Modulus, psi

445,000

Tensile Strength, psi

7,000

Heat Distortion Temperature

75°C

Flexural Strength, psi

13,000

Water Absorption, 30 Days @ R.T.

0.1%

CoEfficient of Thermal Expansion (in/in/°C)

40 x 10<sup>-6</sup> (0°C - 60°C)

Maximum Recommended

Continuous Operating Temperature

130°C

Required storage conditions: store at 20-30°C. Reseal containers immediately after each use. Never store chemical containers where they would be exposed to weather or direct sunlight.

Mixing instructions: mix for at least one minute while scraping sides of container. Some settling of fillers and pigments will occur with time; therefore, thorough mixing of components containing fillers or pigments is necessary.

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