

# SureCure®

TETRABASIC LEAD SULFATE

## Product Technical Data

### Application:

SureCure® 100C is used as a seed crystal to promote consistent formation of tetrabasic lead sulfate during paste mixing and curing. It is suitable for light duty cycle application.

### Typical Properties:

*Tetrabasic Lead Sulfate Content (4PbO · PbSO<sub>4</sub>):* 98% typical, 92% minimum (by Rigaku Miniflex)

*Median Particle Size:* 1.6 micron typical (by Micromeritics Sedigraph 5125)

*Moisture Content:* 0.3% maximum

*Color:* White to light yellow

### Packaging:

Available in 5 kg, 10 kg, and 24 lbs. bags. Other packaging available upon request.

### Usage Instructions:

SureCure® 100C should be added to the paste mix at 1% of total oxide weight before the addition of water or acid. This helps to ensure a homogeneous paste mix.

### Recommended Curing Profile:

75°C for 24 hrs. or 55°C for 48 hrs. during high humidity (>95% RH) step. For different curing temperatures and conditions, please contact HGI technical team for consultation.

### Impurities:

Element	Maximum w/w%	Typical w/w%
Fe	0.0100	0.0020
Zn	0.0010	0.0001
Cu	0.0015	0.0001
Ag	0.0050	0.0035
Ni	0.0010	0.0001
As	0.0010	0.0001

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