SureCure®

TETRABASIC LEAD SULFATE

Product Technical Data

Application:

SureCure® 100 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 ($4PbO \cdot PbSO_4$): 98% typical, 92% minimum (by Rigaku Miniflex)
Median Particle Size: 1.0 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® 100 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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THE CHANGE CATALYST

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