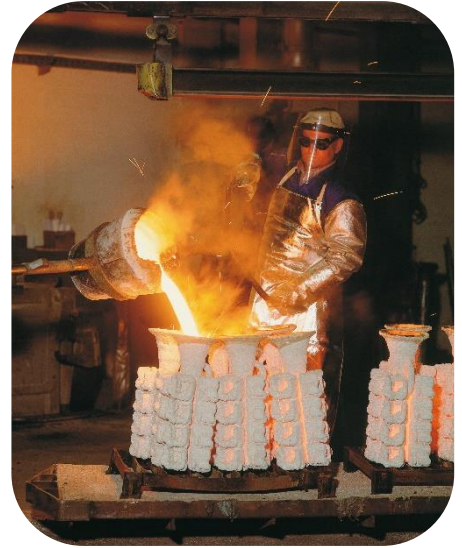


dupré RHOSEAL L589D



DESCRIPTION

Rhoseal (L589D) is supplied as a dry powder which when mixed with a solution of Prosol (M061) liquid forms a paste that rapidly sets into a dense, hard mass. It has been specifically developed for the repair of cracks in shell moulds used in the 'lost wax' investment casting industry. The low levels of a wide range of trace elements means that it has particular benefits in the casting of metals where such contaminants must be under strict control.

MIXING INSTRUCTIONS

100 g of Rhoseal requires approx. 10 to 12 ml of liquid.

Water may be used but for greater strength and higher thermal expansion, a 60% solution of Prosol (M061) is recommended.

TYPICAL PROPERTIES

TYPICAL PHYSICAL PROPERTIES

| | |
|---|---------|
| Gel Time / minutes | 6 to 16 |
| > 500 µm (+30# BSS) | < 1 |
| Maximum Service Temperature / °C | 1600 |

TYPICAL CHEMICAL ANALYSIS

| % ZrO ₂ | % HfO ₂ | % SiO ₂ | % MgO | % P ₂ O ₅ | % TiO ₂ | % CaO | % Fe ₂ O ₃ | % Na ₂ O | % K ₂ O |
|--------------------|--------------------|--------------------|--------|---------------------------------|--------------------|--------|----------------------------------|---------------------|--------------------|
| 54.7 | 1.13 | 27.83 | 6.26 | 6.25 | 0.11 | 0.10 | 0.08 | < 0.05 | < 0.05 |
| ppm Fe | ppm As | ppm Pb | ppm Sn | ppm Ga | ppm Zn | ppm Ag | ppm Bi | | |
| < 1500 | < 50 | < 50 | < 50 | < 30 | < 30 | < 15 | < 1 | | |

PACKAGING AND STORAGE

- Rhoseal is supplied in 25 kg paper sacks.
- Reseal packaging when not in use to prevent contamination and moisture pickup.
- Refer to the latest SDS for more information.



www.dupreminerals.com

Information presented above is given in good faith as accurate and reliable but is not to be taken as a guarantee. The figures provided are intended to be a guide to expected average values and should not be interpreted as a specification. Any potential applications referred to are not to be construed as recommendations. It is the responsibility of the user to determine suitability for any specific purpose.

ISSUE 270619

Dupré Minerals Limited, Spencroft Road, Newcastle-under-Lyme, Staffordshire, ST5 9JE

Telephone +44 (0) 1782 383000 Fax +44 1782 383101 Email info@dupreminerals.com