



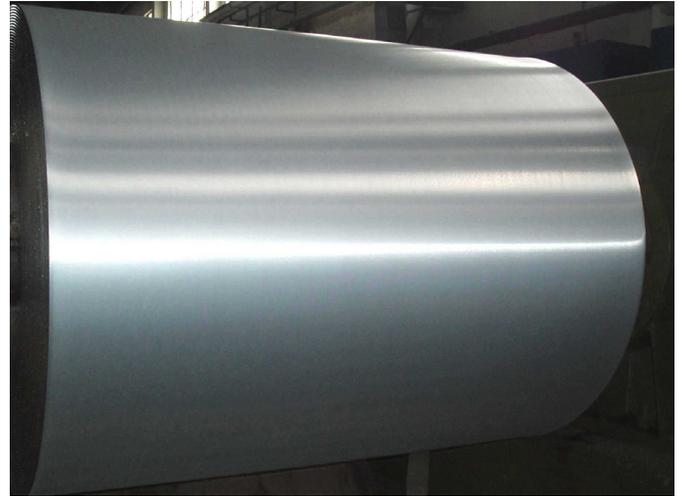
Graphite Release Agent Type SHELLCOAT-B2

General Information

ZIRCAR Ceramics' Graphite Release Agent Type SHELLCOAT-B2 is a concentrated dispersion of precisely milled synthetic graphite used to prevent continuously cast aluminum sheet from sticking to twin-roll caster shell surfaces. SHELLCOAT-B2 incorporates solids and carefully formulated surfactants in a water base, resulting in improved stability of the dispersion.

How to Use SHELLCOAT-B2

As a release agent for Twin Roll Casting SHELLCOAT-B2 is typically diluted as needed with clean water. When in use, diluted solution should be agitated to ensure proper dispersion of lubricating particles. SHELLCOAT-B2 is a thixotropic gel and should not be allowed to freeze.



Characteristics & Properties

Solids Content, %	22
Average Particle Size, microns	1-2
pH	9.0-11.0
Weight, lb/gal (kg/l)	9.2 (1.1)
Shelf life	12 months in original unopened container. Once opened, SHELLCOAT-B2 should be consumed promptly and completely.

The data presented herein is intended to help the user in determining the appropriateness of this material for their application. This data is a nominal representation of this product's properties and characteristics and therefore should not be used in preparing specifications.

Suggested Applications

Release agent for use in continuous casting of soft aluminum strip - 1xxx and 8xxx series alloys.

Availability

Item #	Description
D187C-01	SHELLCOAT-B2, 1/2 gallon
D187C-02	SHELLCOAT-B2, 1 gallon
D187C-03	SHELLCOAT-B2, 55 gallon

To Order

Standard items: To ensure product freshness, all SHELLCOAT B-2 is made to order. Contact ZIRCAR Ceramics and we will make an offer.

ZIRCAR Ceramics, Inc.

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Technical Data Bulletin
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Revision Date Jan 21, 2025