



Graphite Release Agent Type SHELLCOAT-B5

General Information

ZIRCAR Ceramics' SHELLCOAT-B5 Colloidal Graphite Release agent is a concentrated dispersion of a blend of precisely milled synthetic graphite powders in a water base. Developed for use on a wide range of continuously cast aluminum sheet alloys, SHELLCOAT-B5's bimodal particle size distribution works to generate enhanced thermal transfer between twin roll caster shells and molten metal.

How to Use SHELLCOAT-B5

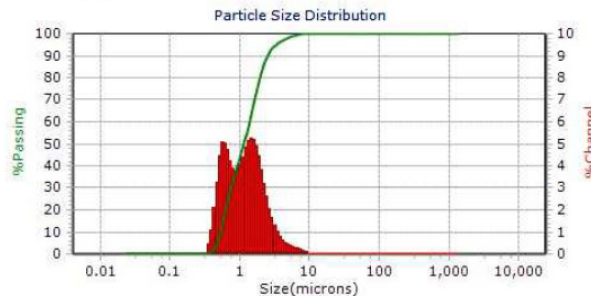
As a release agent for Twin Roll Casting SHELLCOAT-B5 is typically diluted as needed with clean water. When in use, diluted solution should be agitated to ensure proper dispersion of lubricating particles. SHELLCOAT-B5 is a thixotropic gel and should not be allowed to freeze.



Characteristics & Properties

Solids Content, %	22
Nominal Particle Size, microns	1
pH	9.5-10.5
Weight, lb/gal (kg/l)	9.2 (1.1)
Shelf life	6 months in original container

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.



Availability

Item #	Description
D187D-01	SHELLCOAT-B5, 1/2 gallon
D187D-03	SHELLCOAT-B5, 55 gallon

To Order

Standard items: To ensure product freshness, all SHELLCOAT products are 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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