

Solsperse™ AC3150

A novel dispersant for wax-based and thermoplastic Ceramic Injection Moulding systems

Solsperse™ AC3150 is a 100% active polymeric dispersant which offers significant technical advantages in a range of ceramic/metal processing methods, such as ceramic injection moulding, metal injection moulding, and additive manufacturing. Typical applications include advanced engineered ceramics, ceramics and metals in 3D printing, and thermoplastic masterbatch and compound. Solsperse™ AC3150 allows an increase of the concentration and flowability of ceramic/metal powder in a wax-based/thermoplastic injection moulding formulation. The Solsperse™ AC3150 should be combined with the thermoplastic polymer, ceramic/metal/filler, processing aids, and other essential ingredients and pre-blended. Process the resultant blend in the normal manner (extrusion, internal mixer, 2-roll mill, etc.).

FEATURES AND BENEFITS

- 100% Dispersant
- Contains Bio-Based Content
- Dispersant Efficiency
- Fast Wetting
- Flow & Leveling
- High Pigment Loading
- High Solids Dispersant
- Ideal for Ceramic Formulations
- Low Viscosity
- Plastics
- Stability

CHARACTERISTICS

Characteristic Name	Value
Appearance	White Powder
Density (g/cc @ 25°C)	0.952
Melting Point (°C)	105.5

APPLICATIONS

- Thermoplastics

AVAILABLE REGIONS

- Asia Pacific
- EMEAI
- Latin America

- North America



RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 730 days. See SDS for storage conditions and handling instructions.

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

Asia: APCustomerAssistance@Lubrizol.com | Brazil: BrazilQualityLZAM@Lubrizol.com

DISCLAIMER

Lubrizol Advanced Materials, Inc. ("Lubrizol") hopes that you have found the information provided helpful, but you are cautioned that this material, including any prototype formulas, is for informational purposes only and you are solely responsible for making your own assessment of appropriate use of the information. **TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAWS, LUBRIZOL MAKES NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES (WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE), INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR REGARDING THE COMPLETENESS, ACCURACY, OR TIMELINESS OF ANY INFORMATION.** Lubrizol does not guarantee how the materials referenced herein will perform in combination with other substances, in any methods, conditions, or processes, with any equipment, or in non-laboratory environments. **BEFORE COMMERCIALIZATION OF ANY PRODUCT CONTAINING THESE MATERIALS, YOU SHOULD THOROUGHLY TEST SUCH PRODUCT, INCLUDING HOW THE PRODUCT IS PACKAGED, TO DETERMINE ITS PERFORMANCE, EFFICACY, AND SAFETY.** You are solely responsible for the performance, efficacy, and safety of any products you manufacture. Lubrizol shall not be liable, and you shall assume all risk and responsibility for, any use or handling of any material. Any claims may not be approved in all jurisdictions. Any entity making claims related to these products is responsible for complying with local laws and regulations. Nothing contained herein is to be considered as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner, and it is your sole responsibility to determine if any issues related to patent infringement of any component or combination of components relating to the information provided exists. You acknowledge and agree that you are using the information provided herein at your own risk. If you are dissatisfied with the information provided by Lubrizol, your exclusive remedy shall be to not use the information.

COPYRIGHTS

Trademarks owned by The Lubrizol Corporation or its affiliates. © The Lubrizol Corporation 2022, All Rights Reserved.