

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
- 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:

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