

Solsperse™ AC7590

A 100% active polymeric dispersant designed for Advanced Ceramics formulations

Solsperse™ AC7590 is a 100% active polymeric dispersant that offers significant technical advantages in a range of ceramic processing methods, including tape casting, slip casting, gel casting, and additive manufacturing. Typical applications are electronic ceramics (ceramics in electronics), advanced engineered ceramics, advanced ceramics in additive manufacturing, and where superior dispersion of particles in organic solvents or UV monomer are required. The Solsperse™ AC7590 should be dissolved in the slurry solvent/monomer/oligomer before the addition of ceramic solids. Addition levels should be based on the surface area of the ceramic / filler. The dosage level is typically 2mg active dispersant per square meter of ceramic filler surface area. This is simply the surface area divided by 5.

FEATURES AND BENEFITS

- 100% Dispersant
- Contains Bio-Based Content
- Dispersant Efficiency
- Fast Wetting
- High Pigment Loading
- High Solids Dispersant
- Ideal for Ceramic Formulations
- Low Viscosity
- Milling Efficiency
- Particle Size Reduction
- Stability
- UV/Radiation-Cure Compatible

CHARACTERISTICS

Characteristic Name	Value
Appearance	Pale Brown Liquid
Boiling Point (°C)	Decomposes without boiling > 250
Density (g/cc @ 25°C)	0.99
Flash Point (°C)	> 186
Gardner Colour	16 max
Melting Point (°C)	> 3

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 |

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