

CeraTHIX 58R

Micronized Rheology Modifier

Product Description:

CeraTHIX 58R is a non-hygroscopic micronized rheology modifier developed for use in low polarity aliphatic solvent-based coatings. It may also be used in powder coatings as a flow and leveling agent.

Application:

CeraTHIX 58R must be subjected to solvent wetting, deagglomeration, and high-shear dispersion. Controlled temperatures (between 55-65°C) based on the solvent content of the system are required to achieve optimum incorporation for the full thickening benefit. Incorporation of higher polarity solvents will reduce the recommended temperature range. Heating above the range to activate the product can result in seeding which will appear as small, soft particles. Stirring must be maintained while cooling the coating to below 45°C. CeraTHIX 58R may also be incorporated into powder coatings at the pre-mix stage to improve flow and leveling properties.

Recommended Temperature Range:

- ✿ Low polarity systems with KB 25-65 (mineral spirits, naphtha, isopar): 55-65°C

Features and Benefits:

- ✿ Builds viscosity and provides thixotropy
- ✿ Improves coating stability
- ✿ Improves flow and leveling in powder coating

Typical Properties:

✿ Appearance	White powder
✿ Melting Point	85-88 °C
✿ Specific Gravity	1.02 g/cm ³
✿ Material Pass in 325 Mesh (44µm)	99%

Recommended Level: 0.2-1.0% of total formula weight

Regulatory Status: The components of this product are listed on multiple chemical inventories. For specific information on the applicable chemical inventories, please refer to the product SDS.

Safety, Shipping and Handling: For complete safety, shipping and handling information please contact your regional Customer Service Representative, or our Customer Service Team at customerserviceteam@shamrocktechnologies.com. For more information about Shamrock's other products or capabilities please visit us at our website, ShamrockTechnologies.com.

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