

SYLVACOTE™ 4200 ROSIN ESTER

For High-Performance Thermoplastic Road Markings

SYLVACOTE 4200 Rosin Ester is a biobased binder resin designed for high-performance thermoplastic road marking applications. The product has low initial color, which remains low even after aging. The color advantage enables formulators to optimize titanium dioxide (TiO₂) for either enhanced brightness or improved cost-in-use. In addition, no GHS hazard pictogram is required for this product.

The binder resin offers excellent thermal stability for consistent color, softening point, mass retention and viscosity. These application properties help formulators to ensure that the applied road markings stay in specification from the beginning to the end of the striping job. This can help reduce the contractor's risk that a job is not accepted and requires costly rework.

SYLVACOTE 4200 Rosin Ester is recognized by the Biobased Certification Scheme, which is based on the European standard EN 16785-1 and specifies the product's biomass amount. Developed from Kraton's pine-based raw materials, the product allows formulators and contractors to improve road marking performance while lessening environmental impact.

KEY ADVANTAGES

- Low Initial Color
- Excellent Thermal Stability
- Superior Viscosity Stability
- Good Color Consistency
- Stable Softening Point
- High Mass Retention
- No GHS Hazard Pictogram Required
- Adhesion to Variety of Substrates
- 93% Biobased




















POTENTIAL APPLICATIONS

- Spray-Applied Thermoplastic
- Extrusion-Applied Thermoplastic
- Preformed Road Marking

biobased 

Thermal Stability - Binder Color

A binder system with a stable color enables the formulator to optimize the TiO₂ content of road marking formulations without color drifting out of specification during the road marking job.

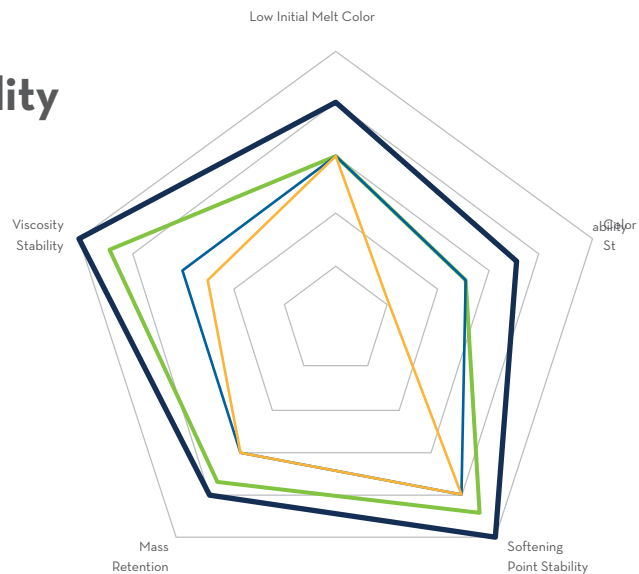
	Initial	2 hr	4 hr	6 hr	8 hr	Gardner Initial	Gardner 6 hr
Binder with SYLVACOTE™ 4200						3, 9	4, 9
Binder with SYLVATAC™ RE 103S						6, 0	8, 0
Binder with Competitive RE						7, 0	8, 0
Binder with Competitive C5						7, 0*	12, 0*

*CLOUDY

Formulation with SYLVACOTE 4200 resin retains low color

Superior Color and Stability

- SYLVACOTE 4200
- SYLVATAC RE 103S
- Competitive RE
- Competitive C5



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