

Technical Information

T-PRO® 550



Intelligent Stewardship™

LITHIC MATERIAL T-PRO® 550 FOR PERFORMANCE APPLICATIONS

Polymer Type

- Carboxylated Styrene Butadiene Latex

Regulatory Standards

- German Regulation for Food Contact BfR Recommendation XIV
- German Regulation for Food Contact BfR Recommendation XXXVI

Regulatory Standards (CONTINUED)

- U.S. FDA 21 CFR 175.105
- U.S. FDA 21 CFR 176.170(b)
- U.S. FDA 21 CFR 176.180

Typical Properties	Nominal Value (English)	Nominal Value (SI)
Solids	50.3%	50.3%
pH	8.00	8.00
Brookfield Viscosity (#2 @ 50 rpm)	< 300 cP	< 300 mPa-s
Density, 20°C	8.5 lb/gal	1.02 g/cm ³
Glass Transition Temperature (Tg)	45°F	7°C
Minimum Film Formation Temperature	48°F	9°C

Notes: These are typical properties only and are not to be construed as specifications.

APPLICATIONS AND BENEFITS

T-Pro® 550 Polymer Applications

- Battery Separators
- General Purpose Adhesives
- Mineral Binder
- Clay Binder
- Ink Overcoat
- Soil Stabilization

T-Pro® 550 Polymer Benefits

- Low Adhesion Dry Film Binder
- Pigment Binding
- Available Carboxyl Groups for Crosslinking
- Flexible Binder
- Good Water Resistance and Durability

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