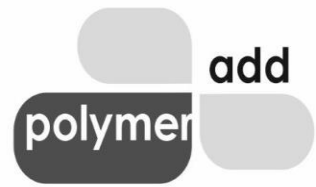


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MICRONISED SODIUM SULFATE CARPET BACKING COMPOUNDS

- PP and PE extrusion-coated backings for woven carpets.
- Hot melt backcoating systems based on PE/EVA.
- Polymer-modified bitumen backings for carpet tiles.
- Secondary stabilizing layers behind tufted carpets.

INDUSTRY FOCUS

- Woven Carpets
- Hot melt Backcoating systems
- Carpet tiles
- Tufted carpets

BENEFITS OF USING MICRONISED SODIUM SULFATE

Clean, neutral backing appearance

Maintains bright, uniform colour with minimal shade drift in light and pastel carpet systems.

Smooth surface formation in thin coatings

Fine, isotropic particles reduce surface defects, streaking, and speck formation.

Controlled stiffness without over-hardening

Adds weight and body while preserving flexibility for rolling and handling.

Low equipment abrasion in high-speed coating lines

Softer mineral reduces wear on screws, barrels, and dies during continuous production.

Consistent performance across production batches

Industrial, controlled chemistry ensures repeatable shade and processing behavior.

Typical Dosage Levels & Role in Formulation

Micronised Sodium Sulfate is typically used as a **secondary (co-filler)** rather than a primary bulk filler.

Indicative addition levels (by weight of total compound):

- **5–15 %** → performance tuning (appearance, smoothness, stiffness control)
- **15–30 %** → partial replacement of primary mineral fillers
- **>30 %** → application-specific, requires formulation optimization

Its function is not cost-only filling, but optical, rheological, and surface control.