
Paranol® AC-7012
Acrylic

Royal Adhesives & Sealants
Royal Polymers Technical Data

Paranol® AC-7012 is a self-crosslinking acrylic polymer designed for textile coatings and non-wovens. **Paranol® AC-7012** offers these features:

- Excellent Water Resistance
- Excellent Mechanical Stability
- Self-Crosslinking & Carboxyl Groups
- Soft, Strong Film
- Compatible with Fire Retardant Salts
- Excellent Abrasion Resistance
- Excellent Adhesion to Most Fibers

Due to its excellent mechanical stability, **Paranol® AC-7012** can be applied via pad bath, foam, spray, or roller coat. Excellent adhesion characteristics allow **Paranol® AC-7012** to be used with most fibers and yarns, including polypropylene.

Paranol® AC-7012 is compatible with most fire retardant salts, which allows it to be used for fire retardant applications. A durable fire retardant system can also be made by adding one of the **Paranol® Fire Retardant Dispersions**. **Paranol® AC-7012** reaches its maximum cure without thermosetting resins or acid catalysts. The viscosity of **Paranol® AC-7012** can be modified using **Paragum®** acid-type or sodium-polyacrylate thickeners.

Paranol® AC-7012 is available in drums, totes and tank truck quantities.

Paranol® AC-7012 is easily formulated to produce quality, cost-effective mattress ticking compounds that can be cured before crushing without producing a bouncy foam.

Fabrics produced with **Paranol® AC-7012** provide these very important features and benefits:

- Good Dry Clean Resistance
- Excellent Wash Resistance
- Very Strong
- Good Abrasion Resistance
- Soft, Dry Hand
- Can Be Fire Retardant

Paranol® AC-7012 is manufactured using Royal's Quality Assurance program, with Continuous Improvement as its goal. This program requires batch-to-batch consistency, with small deviations from the Typical Properties listed below.

TYPICAL PROPERTIES

Appearance:	Milky White Liquid
Total Solids:	45%
Viscosity:	< 300 cps. (LVT#2 @ 60)
pH:	4.0
Tg (Measured):	-10°C
Density:	8.8 lbs/gal
Surface Tension:	44 dynes/cm

Please call **1-800-763-7272** for additional information or visit our web site at www.royalspecialtypolymers.com