



FUCRYL 1090®

New Generation Acrylic for bonding polyester fiber for Wadding / Batting and back coating of non-woven fabrics including fur fabric.

Product Description

Fucryl 1090 is a new generation Acrylic for bonding polyester fiber for Wadding / Batting and back coating of non-woven fabrics including fur fabric.

Fucryl 1090 provides excellent adhesion to polyester fiber and prevents migration.

The small nano size particles of the **Fucryl 1090** helps in better penetration and provides multi-point bonding even in the inner layers of the substrates.

Key Features & Benefits

- An excellent combination of polar and non-polar groups **Fucryl 1090** gives Exceptional adhesion.
- Due to its Smaller particle size & hence better penetration **Fucryl 1090** gives Softer feel & improved resiliency of Wadding / non-woven substrates.
- Because of its Excellent cohesive & adhesive strength levels, **Fucryl 1090** gives Stronger binding at even lower dosage and hence better final product.
- **Fucryl 1090** has Lower film forming temperature and can be cured at lower

Technical Data Sheet

temperature i.e. 110°C - 120°C, thus imparts better feel of the final product.

General Specifications

Physical Forms:	Milky Liquid
Solid Contents :	45 ± 2
Diluent :	Water
pH :	6.5 to 7.5
Viscosity :	5-10 CP
Nature :	Anionic

Application

- Take 60 parts of the total water used in the recipe.
- Addition of 40 parts of **Fucryl 1090** should be done slowly in 5-10 minutes.
- Mix thoroughly. Adjust the concentration and start spraying on the polyfill. Subject to gramage of the fiber.

Storage

Store in cool, ventilated shade, away from heat and direct sunlight. Storage temperature should not exceed 35° C, Close lids firmly to avoid contact with air and moisture.

Shelf Life

10 months from the date of manufacturing, when stored under controlled conditions.

ISSUED: JAN-2014