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NR-1063

NYLON RESIN DISPERSION

ARROCHEM NR-1063 Resin Dispersion offers a high-strength bonding product with superior drying and adhesion properties. It is recommended for application by thread manufacturers as a ready-to-use bonding agent for nylon fibers. NR-1063 employs high-strength resin as the active component for such applications, dispersed in alcohol solvent.

General Characteristics:

Chemical Composition:	High-molecular weight synthetic polymer dispersion
Appearance:	White Translucent Fluid
Solubility in Water, 25C:	Negligible
Flash Point (TCC):	13-15C (55-60F)
Nonvolatile Solids:	10% +/- 0.5% Nylon Resin in Primary Alcohol
Viscosity:	28 +/- 3 seconds (#2 Zahn cup @ 25C, 1 atm)

Application:

NR-1063 is recommended for use as received. Textile usage involves passing thread through a trough at ambient temperature containing NR-1063 resin dispersion, after which pick-up is adjusted by passing thread through a kiss-type roller or squeeze-blade. This is followed by drying/curing in a heated oven, resulting in typical pickup of 3-5% product based on weight of fiber. Usage and pickup generally vary according to application process and customer specifications.

*As conditions vary, all dosages and guidelines are merely suggested starting points; it is recommended the user determine the proper operating conditions for his/her system.