



TOA ACRON AC-503

Crosslinking Agent for Acrylic Resin

TOA ACRON AC-503 is a crosslinking agent used for specifically for synthetic acrylic rubber. It is a poly-isocyanate compound, which reacts with OH group of TOA ACRON products.

(1) Specification of TOA ACRON AC-503

Appearance:	slightly yellow transparent viscous liquid
Solid content:	70±3%
Viscosity:	1,500±1,000 cps/25°C
NCO content:	8.8±0.5%
Solvent	Toluene

(2) Usage of TOA ACRON AC-503

Standard recipe is 1 to 3 parts. (10% of Solid content of Acrylic solution)

Use more parts when high humidity.

Cross-linking Time may vary under different temperature condition.

(3) Notice of TOA ACRON AC-503

Cross-linking between TOA ACRON AC-503 and TOA ACRON products react slowly under room temperature. When the quantity of TOA ACRON AC-503 is increased, generally the modulus and tensile strength will also increase. The elongation property is decreased. Quantity of AC-503 used should be controlled according to applications.