



**ACRYLIC RESIN SOLUTION
FOR PRESSURE SENSITIVE ADHESIVES
TOA ACRON XPA-N6530**

TOA Resin Co., Ltd.

(1) DESCRIPTION

XPA-N6530 is one of series of acrylics water-based introduced by Toa Resin for enhancing the specialty adhesive performance. The XPA-N6530 is a pressure sensitive adhesives with very good adhesion. XPA-N6530 has good plasticizer resistance. It can apply on the PVC substrate and application for all PVC materials. XPA is also non-yellowing.

(2) PHYSICAL PROPERTIES

● Appearance	milky white
● Solid Content (%)	53 ± 2
● Viscosity (cps/20°C)	1,500 ± 1,000
● pH	4.0 ± 0.5
● Solvent	Water

(3) PRODUCT CHARACTERISTICS

- High bonding adhesiveness.
- High Shear Resistance.
- Ready to use or mix with crosslinking agent then coating.
- Under long time UV light remain clear and non-yellowing.
- Help to stop the substrate's plasticizer migration and remain good adhesiveness.



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The properties of XPA-N6530 on double side PSA tape.

Item	Properties	Testing conditions
Peel Strength (SUS)	1~1.2Kg/inch (24hours)	25μm PET/25μm PSA/SS 25°C under 180° Angle Dynamic Peer
Shear Resistance (SUS)	Above 6000min	0.5Kg/0.25sq. inch @room temp.

Shear Resistance Determination test:

- Bonding area (tape and SUS-316) is 0.25 sq. inch (12.7mm x 12.7mm) and load weights 0.5Kg at room temperature.
- Combination of testing tape is 25μm PET/25μm PSA/SUS.

(4) Storage and operation

- Storage time do not above 6 months.
- Please keep away from fire and storage in dry dark place.
- Shake or mix well and do not mix with other materials before using.

(5) Package

120Kg plastic drum