



PINCRYSTAL KE-604

1/8/2002

Pinecrystal KE-604 is a colorless and transparent rosin derivative that could only be born with Arakawa's advanced technology having been brushed up in rosin chemistry.

### 1. Special features:

- (1) High acid value, high softening point
- (2) Soluble in alcohol, dispersible in ammonia water
- (3) Giving good adhesion

### 2. Uses:

Adhesives, Paper coating, Resist ink, Water-based coatings,  
Wax emulsion, Electronic materials, Rubber processing.

### 3. General properties:

Appearance	:	Colorless and transparent lump
Color (Hasen)	:	200 max.
Acid value (mg KOH/g)	:	230 – 240
Softening point ( )	:	122-132
Specific gravity (at 25 )	:	1.094

### 4. Molten viscosity (Typical value)

Temperature ( )	140	160	180	200	220	240
Viscosity (cps)	87,000	3,850	385	77	26	8

5. Solubility (1/1wt%):

Soluble – Toluene, Ethyl acetate, Acetone, Diethylene glycol,  
Triethylamine

Insoluble – n-Hexane

6. Compatibility:

Compatible – NR, SIS, CR, Acrylic resin, Polyamide resin, Ethyl cellulose

Partially compatible – SBS

Incompatible – Chlorinated rubber

7. Packing:

25kg (=55lbs) net in paper bag

