

VAROSIVE VD - 9600

One-Component PU System
For Dry Laminating Adhesive

VAROSIVE VD - 9600 is highly versatile one component polyurethane adhesive for general lamination of various plastic films.

1. Characteristic of VD-9600

High initial tack
Excellent adhesive to OPP, CPP and Leaf Al.

2. Specification of VD-9600

Type : polyurethane
Appearance : Pale yellow transparent liquid
Solid Content : 70 ± 2 %
Shelf life : 6 Months
Solvent : Ethyl acetate
Packing : 15Kgs Can, 100Kgs Drum
NCO Content : 2.3 - 2.7 %

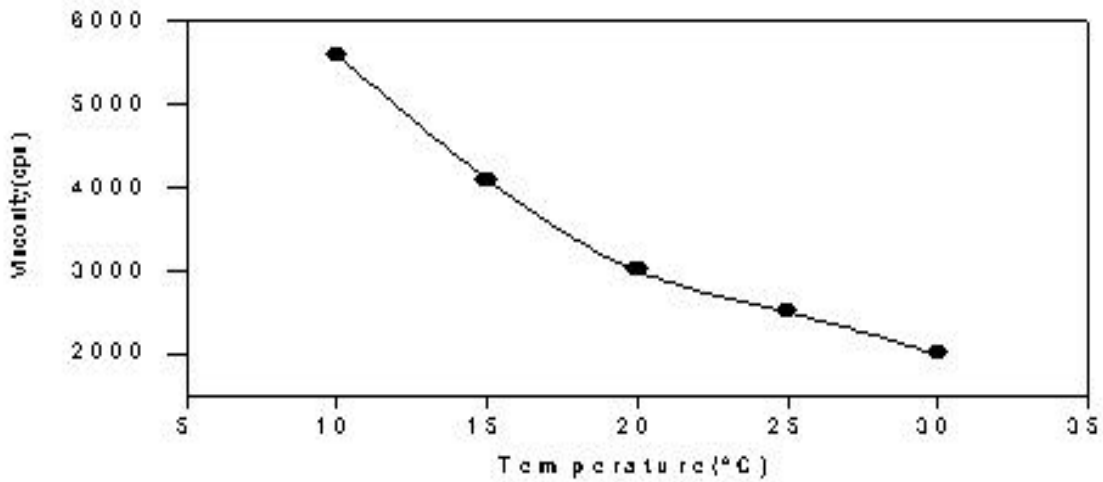
3. Practical Usage of VD-9600

Diluents : Ethyl acetate, MEK or blends of these
Applicable solid : 25 - 30%
Coating method : Gravure roll coating
Coating weight : 150 mesh, 2.0 - 4.0 g/m²(dry)
Drying condition : 70 - 90
Line speed : 80 -100 m/min
Pot life : 12hrs at room temperature
Aging time : 24 - 48hrs at approx. 40

4. Diluents Table

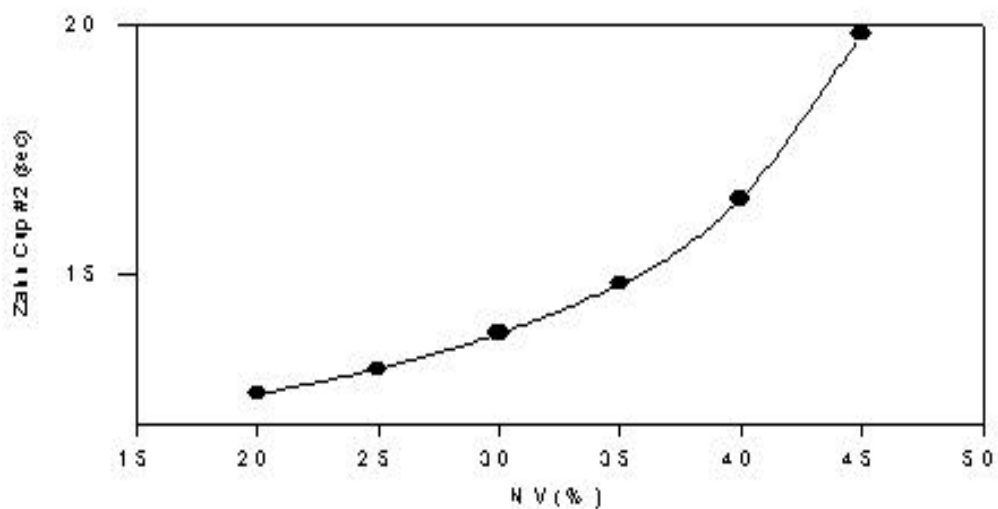
| NV(%) | Mixing Ratio | | Total(Kg) |
|-------|--------------|-------------|-----------|
| | DV-9600(Kg) | Thinner(Kg) | |
| 25 | 33.3 | 66.7 | 100 |
| 30 | 40.0 | 60.0 | 100 |
| 35 | 46.7 | 53.3 | 100 |

5. Viscosity change of VD-9600 with the temperature



6. Viscosity change of VD-9600 with the mixing ratio of diluents at the 25

| NV(%) | Mixing Ratio | | Viscosity(25) [Zahn #2 (sec)] |
|-------|--------------|-------------------|-----------------------------------|
| | DV-9600(Kg) | Ethyl acetate(Kg) | |
| 45 | 100 | 66.7 | 19.8 |
| 40 | 100 | 87.5 | 16.5 |
| 35 | 100 | 114.3 | 14.8 |
| 30 | 100 | 150.0 | 13.8 |
| 25 | 100 | 200.0 | 13.1 |
| 20 | 100 | 275.0 | 12.6 |



7. Application

OPP / CPP

OPP / Leaf AI.

8. Caution

Please avoid contamination of water and alcohol.

Please store in tightly closed container at cool and dark place.

Please use after complete agitation with diluents.

Please don't use residue of mixed varnish.

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