# **PT. ALKINDO MITRARAYA** HIGH POLYMER

# **PURINDO 5302 – 35H**

#### I. DESCRIPTION

PURINDO 5302-35H is a thermoplastic polyurethane resin which has excellent flexibility, excellent water and alcohol resistance, good wetting, good adhesion, fast drying and designed for printing ink.

#### **II.PROPERTIES**

- Fast dry
- Excellent water resistance
- Excellent alcohol resistance
- Excellent flexibility
- Good wetting properties
- Good adhesion

#### **III. SUGGESTED USES**

Printing Ink

#### **IV. COMPOSITION**

- Modifier : aliphatic diisocyanate
- Free isocyanate content : max. 0.01 %
- Solvent : methyl ethyl ketone, isopropyl alcohol

#### **V. SPECIFICATION**

- NV (%)  $: 35 \pm 1$
- Viscosity (G-H, 25°C) : Y Z1
- AV solution (mg KOH/g) : max. 2
- Color (Gardner) : max. 4
- Appearance : transparent to slightly hazy

## VI. DILUTABILITY

- Aliphatic : not dilutable
  Aromatic : dilutable
  Ester : dilutable
- Ketone : dilutable
- Alcohol : dilutable

## VII. PACKING

Resin is supplied in steel drum with net. content 200 kgs.

#### VIII. STORAGE

Store in proper warehouse. Keep container closed when not in use.

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