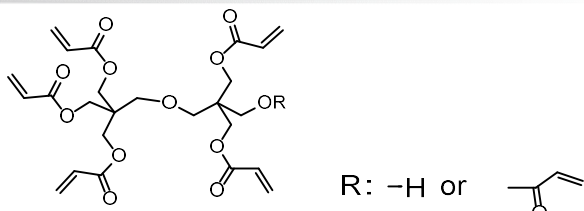


ARONIX[®] M-400(DPHA)

Dipentaerythritol penta-& hexa-acrylate

Chemical structure



Dipentaerythritol penta-& hexa-acrylate
(penta acrylate content 40~50%)

Product data

| | |
|--------------------------------------|-------------------------|
| Color (APHA) | < 200 |
| Viscosity (mPa·s/25°C) | Solid or 5,000~7,000 |
| Residual (%) | <0.1 |
| Acid value (mgKOH/g) | < 2.5 |
| Relative density (/°C) | 1.188/25 |
| Surface tension (mN/m) | 46.8 |
| Reflective index (n _D 25) | 1.494 |

Features

- Fast cure
- High hardness

Application

- Ink
- Resist
- Hard coating
- Adhesive
- Pressure sensitive adhesive
- Resin modifier(epoxy, urethane)

Safety data

| | |
|-------------------------|----------------------------------|
| P.I.I. | 0.4 |
| Flash point (°C) | 180°C(Polymerized) Open – cup |
| Inhibitor as MEHQ (ppm) | 510 |

Description

Molecular Weight: 578 (Main component)

Functionality: 5 or more

Appearance: Waxy solid or liquid

Properties of cured film

| | |
|--|------|
| Tensile strength (kg/cm ²) | - |
| Elongation (%) | - |
| Tg (°C) | >250 |
| Relative density (/°C) | - |
| Cure shrinkage (%) | - |
| Shore hardness | D95 |

Registration

| | |
|------------------------|-------------------------|
| Japan (METI) | Listed |
| USA (TSCA) | Contact us |
| EU (REACH) | Not supported |
| China (IECSC) | Listed |
| Korea (ECL) K-REACH | Listed Not supported |
| Taiwan | Listed |

Package

18kg C/N
200kg D/M

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