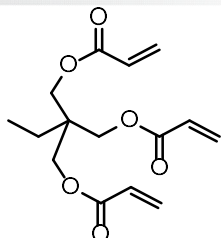


ARONIX[®] M-309(TMPTA)

Trimethylolpropane triacrylate

Chemical structure



Trimethylolpropane triacrylate

Product data

Color (APHA)	< 200
Viscosity (mPa·s/25°C)	60~110
Residual (%)	<0.1
Acid value (mgKOH/g)	< 1.0
Relative density (/°C)	1.111/25
Surface tension (mN/m)	39.8
Reflective index (n _D 25)	1.480

Features

- Low viscosity
- High hardness
- Good compatibility

Application

- Coating
- Ink
- Resist
- Adhesive
- Resin modifier(epoxy, urethane)

Safety data

P.I.I.	3.2
Flash point (°C)	167 Open – cup
Inhibitor as MEHQ (ppm)	100

Description

Molecular Weight: 296 (Main component)

Functionality: 3

Appearance: Liquid

Properties of cured film

Tensile strength (kg/cm ²)	23
Elongation (%)	0~5
Tg (°C)	>250
Relative density (/°C)	1.270/25
Cure shrinkage (%)	12.52
Shore hardness	D94

Registration

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

Package

18kg C/N
200kg D/M
1000kg C/T

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE.