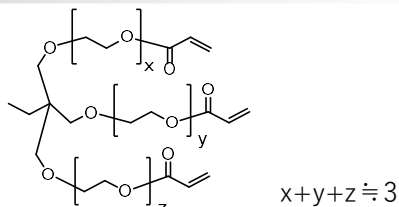


# ARONIX<sup>®</sup> M-350

## Ethoxylated trimethylolpropane triacrylate

### Chemical structure



Ethoxylated ( $\cong 3$ mol)  
trimethylolpropane triacrylate

### Description

Molecular Weight: 428 (Main component)

Functionality: 3

Appearance: Liquid

### Product data

Color (APHA)	< 100
Viscosity (mPa·s/25°C)	45~65
Residual (%)	< 0.1
Acid value (mgKOH/g)	< 0.4
Relative density (/°C)	1.106/25
Surface tension (mN/m)	33.3
Reflective index ( $n_D$ 25)	1.476

### Properties of cured film

Tensile strength (kg/cm <sup>2</sup> )	44
Elongation (%)	3
Tg (°C)	-
Relative density (/°C)	1.243/25
Cure shrinkage (%)	9.01
Shore hardness	D88

### Features

- Low viscosity
- Low skin irritation

### Application

- Coating
- Ink
- Optical material
- Adhesive

### Registration

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

### Safety data

P.I.I.	1.0
Flash point (°C)	178°C(Polymerized) Open – cup
Inhibitor as MEHQ (ppm)	290

### Package

18kg C/N  
200kg D/M

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