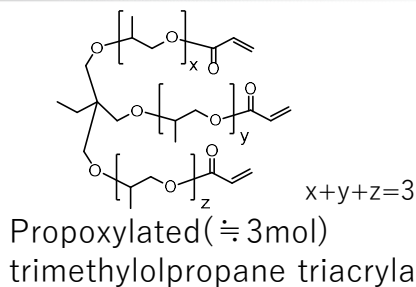


# ARONIX<sup>®</sup> M-310

## Propoxylated trimethylolpropane triacrylate

### Chemical structure



### Description

Molecular Weight: 470 (Main component)

Functionality: 3

Appearance: Liquid

### Product data

Color (APHA)	< 160
Viscosity (mPa·s/25°C)	60~110
Residual (%)	< 0.1
Acid value (mgKOH/g)	< 1.0
Relative density (/°C)	1.061/25
Surface tension (mN/m)	37.5
Reflective index (n <sub>D</sub> 25)	1.466

### Properties of cured film

Tensile strength (kg/cm <sup>2</sup> )	17
Elongation (%)	0~5
Tg (°C)	120
Relative density (/°C)	1.170/25
Cure shrinkage (%)	9.29
Shore hardness	D85

### Features

- Low viscosity
- High compatibility

### Application

- Coating
- Ink

### Registration

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

### Safety data

P.I.I.	1.1
Flash point (°C)	190°C (Polymerized) Open – cup
Inhibitor as MEHQ (ppm)	430

### Package

18kg C/N

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