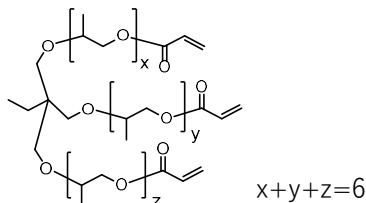


# ARONIX<sup>®</sup> M-321

## Propoxylated trimethylolpropane triacrylate

### Chemical structure



Propoxylated (≒ 6mol)  
trimethylolpropane triacrylate

### Description

Molecular Weight: 644 (Main component)

Functionality: 3

Appearance: Liquid

### Product data

Color (APHA)	< 300
Viscosity (mPa·s/25°C)	70~170
Residual (%)	< 0.1
Acid value (mgKOH/g)	< 2.0
Relative density (/°C)	1.043
Surface tension (mN/m)	37.1
Reflective index (n <sub>D</sub> 25)	1.457

### Properties of cured film

Tensile strength (kg/cm <sup>2</sup> )	25
Elongation (%)	5
Tg (°C)	50
Relative density (/°C)	1.139
Cure shrinkage (%)	8.45
Shore hardness	D74

### 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.	1.6
Flash point (°C)	230°C(Polymerized) Open – cup
Inhibitor as MEHQ (ppm)	450

### Package

18kg C/N  
200kg D/M

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