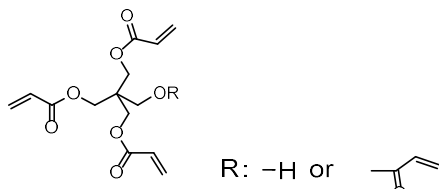


# ARONIX<sup>®</sup> M-450(PETTA)

## Pentaerythritol tetra acrylate

### Chemical structure



Pentaerythritol tetra acrylate  
(tri acrylate content < 10%)

### Product data

Color (APHA)	< 200
Viscosity (mPa·s/25°C)	60~100
Residual (%)	< 0.1
Acid value (mgKOH/g)	< 1.0
Relative density (/°C)	1.185/50
Surface tension (mN/m)	-
Reflective index (n <sub>D</sub> 25)	-

### Features

- Low viscosity
- Fast cure
- High hardness

### Application

- Hard coating
- Ink

### Safety data

P.I.I.	0.4
Flash point (°C)	199 Open – cup
Inhibitor as MEHQ (ppm)	360

### Description

Molecular Weight: 352 (Main component)

Functionality: Approx. 4

Appearance: Waxy solid or liquid

### Properties of cured film

Tensile strength (kg/cm <sup>2</sup> )	-
Elongation (%)	-
Tg (°C)	>250
Relative density (/°C)	1.361/25
Cure shrinkage (%)	12.95
Shore hardness	D95

### 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

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