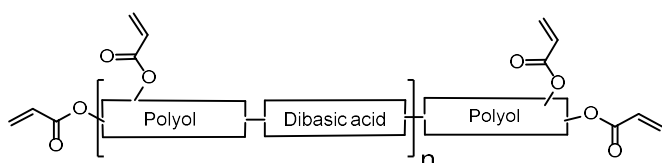


# ARONIX<sup>®</sup> M-7100

## Polyester acrylate(multifunctional)

### Chemical structure



Polyester acrylate(multifunctional)

### Description

Molecular Weight: trade secret

Functionality: 3 or more

Appearance: Liquid

### Product data

Color (APHA)	< 300
Viscosity (mPa·s/25°C)	8,000~13,500
Residual (%)	<0.1
Acid value (mgKOH/g)	< 15.0
Relative density (/°C)	1.160/25
Surface tension (mN/m)	48.3
Reflective index (n <sub>D</sub> 25)	1.510

### Features

- High gloss
- High curability
- High hardness

### Application

- Coating
- Adhesive
- Ink
- Optical materials

### Safety data

P.I.I.	0.5
Flash point (°C)	160°C(Polymerized) Open – cup
Inhibitor as MEHQ (ppm)	430

### Properties of cured film

Tensile strength (kg/cm <sup>2</sup> )	49
Elongation (%)	5~10
Tg (°C)	105
Relative density (/°C)	1.250/25
Cure shrinkage (%)	7.21
Shore hardness	D91

### Registration

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

### Package

18kg C/N  
200kg D/M

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