

## Product Information

# EcoTek UV Curable, Ultra Low VOC Resin for Underground Sewer Pipe Rehabilitation

### TYPICAL LIQUID RESIN PROPERTIES\* (1) see back page

	Nominal
Viscosity @ 77°F/25°C, RVF Brookfield Spindle #3 @ 10 RPM, cps.	1,000
Specific Gravity @ 77°F/25°C	1.11
Gel Time, minutes	1 - 2

### TYPICAL CAST MECHANICAL PROPERTIES\* (2) See back page

		Test Method
Tensile Strength, psi/MPa	9,280/64	ASTM D 638
Tensile Modulus, psi/GPa	450,000/3.4	ASTM D 638
Tensile Elongation, %	3.2	ASTM D 638
Flexural Strength, psi/MPa	14,870/103	ASTM D 790
Flexural Modulus, psi/GPa	500,000/3.4	ASTM D 790
Heat Distortion Temperature, °F/°C @ 264 psi	221/105	ASTM D 648
Barcol Hardness	40	ASTM D 2583

\*Typical properties are not to be construed as specifications.



### DESCRIPTION

The EcoTek L040-LCVG-02 is a UV curable, ultra low VOC resin. EcoTek L040-LCVG-02 can be used for cured in place pipe applications that do not allow the use of styrene or other VOC components.

### BENEFITS

- Ultra low VOC content
- Excellent UV cure profile
- Superior mechanical properties
- Contains no Styrene

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EcoTek™  
L040-LCVG-02  
Ultra Low VOC Resin



**STORAGE STABILITY**

Resins are stable for three months from date of production when stored in the original containers away from sunlight at no more than 77°F/25°C.

During the hot summer months, no more than two months stability at 86°F/30°C should be anticipated.

Resin contains UV initiator and will polymerize upon exposure to sunlight.

**SAFETY**

See appropriate Material Safety Data Sheet for guidelines.

**ISO 9001:2000 CERTIFIED**

The Quality Management Systems at every AOC manufacturing facility have been certified as meeting ISO 9001:2000 standards. This certification recognizes that each AOC facility has an internationally accepted model in place for managing and assuring quality. We follow the practices set forth in this model to add value to the resins we make for our customers.

**FOOTNOTES**

**(1)**

Variations in gelling characteristics can be expected based on type of UV light source. Pigment and fillers can retard or accelerate gelation. It is recommended that the fabricator check the gelling characteristics of a small quantity of resin under actual operating conditions prior to use.

**(2)**

Based on tests on EcoTek L040-LCVG-02 at 77°F/25°C and 50% relative humidity. All tests performed on unreinforced cured resin castings. Thixotropic components, if applicable, are excluded from casting samples.

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Our recommendations should not be taken as inducements to infringe any patent or violate any law, safety code or insurance regulation.