

Technical Data:

Issued: April 2021

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EP 334 / EPC 69/74**Product Description**

EP 334 is a low viscosity self-extinguishing UL 94 V-1 and V-0 certified potting and encapsulating epoxy compound with high physical and mechanical properties.

Features & Benefits

- Low viscosity
- Self-extinguishing
UL-94 V-1 certified 1.5 mm width
UL-94 V-0 certified 3.0 mm width
- Suitable for manual and automatic mixing
- RT curing

Applications

Packaging protecting potting encapsulant

Typical Uncured Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

	EP 334	EPC 6974
Appearance/Color	black	amber
Viscosity@25°C, mPa*s	12000-15000	1000-1500
Density@ 25°C, g/cm³	1.5	1.0

Instructions for use

Stir compound EP 334 thoroughly in the original container prior to use

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Processing	Mix Ratio, w/w	100:12
	Mix Viscosity@ 25°C, mPa*s	4000-4800
	Pot life @ 25°C, min	20-30
	Gel Time @ 25°C, (100g), min	50-80
	Typical Curing Schedule	24hr/RT
Cured	Hardness, Shore D	65-80
Properties*	Linear shrinkage, %	0.5
	Flexural Strength, MPa	50-90
	Flexural Modulus, MPa	2000-3000
	Service Temperature, °C	-40÷+100
	Flammability Rating, 1.5 mm spec 3.0 mm spec.	UL 94 -V-1 UL 94-V-0

*) Data obtained at 25°C after 48 hours

Storage

Store products at 20-35°C for maximum shelf life.

Packaging

Packaging sizes are available from 1L up to 18L pails.

Shelf Life

These products have a shelf life of 12 months in their unopened original bulk containers.

Limitation of Liability

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