Technical Data Sheet

HYSOL®EO1057

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PRODUCT DESCRIPTION

Hysol® EO1057 is a modified version Hysol EO1016. EO1057 is a low viscosity, fast gelling version of Hysol EO1016 designed to improve deairability and handling.

TYPICAL APPLICATIONS

One Component Casting Compound

PROPERTIES OF UNCURED MATERIAL

Color	Black
Filler Content, % (ITM3A)	40
Shelf Life @ 4°C, (40°F), months	12
	Typical Value
Viscosity (ITM2A)	
Brookfield RVT	
Spindle 6, Speed 20, Cp	
@ 25°C	20,000
@ 40°C	4,600

PHYSICAL PROPERTIES, CURED MATERIAL

Color	Black
Glass Transition (Tg), °C, (ITM65B)	126
Coefficient of Linear Thermal Expansion, In/in/°C, (ITM65B alpha 1	
alpha 1	46×10^{-6}
alpha 2	140×10^{-6}
Hardness, Shore D, minimum	86
Handling	
Gel Time @ 100°C, (212°F), minutes (ITM10N)	4
Pot Life, @ 25°C, (77°F), months, (ITM 10T)	3

GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or their strong oxidizing materials

Cure Schedule

Recommended Cure 2 hours @ 100°C

Hysol® EO1057 should not be used for casting masses larger than 50 grams. Some variation in listed values may occur; customer should determine whether cure other than recommended cure above will give satisfactory results. Mix thoroughly each time it is used. Heating to 32°C to 43°C (90°F to 110°F) will lower viscosity and aid in mixing and pouring.

Note

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