

# Bluesil™ PT ACC

October 2017

## Accelerator for Addition Cure Elastomers

**Description** **Bluesil™ PT ACC** is an accelerator for platinum cure, polyaddition silicone moldmaking compounds. It can be used with many of Elkem Silicones addition cure products to customize the de-mold time to as short as 2 hours, allowing multiple molds to be made each day per master. This can be done without adversely affecting the physical properties of the elastomer.

- Applications**
- Conventional production and prototype molds
  - Finished rubber parts
  - Stereolithography (SLA) molds

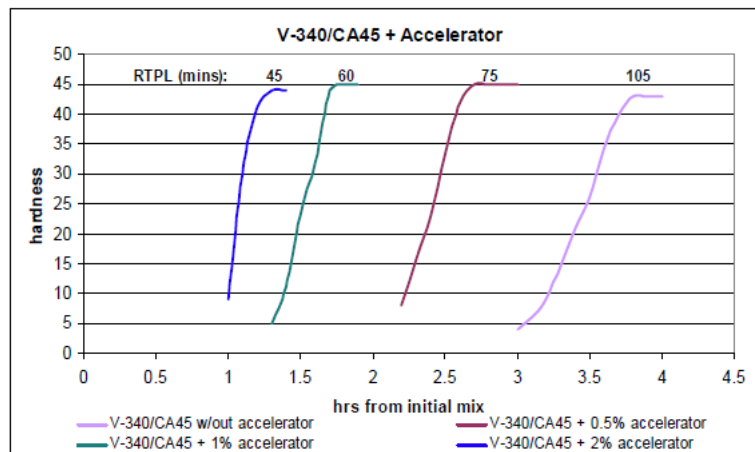
Typical Properties	<u>Typical Properties as Supplied</u>	
	<b>Color</b>	Clear, amber
	<b>Consistency</b>	Pourable liquid
	<b>Viscosity, cP. (mPa.s)</b>	50

**Instructions for use** **Bluesil™ PT ACC** can be mixed either into the Part A prior to mixing with the Part B, or directly into the mixed Part A and Part B. Proper de-airing of the mixed silicone is essential to produce the best possible molds.

Performance (based on V-340/CA-45)	% Bluesil™ PT ACC	Pot Life, minutes	Demold Time, hours
	0	105	4
	0.2	75	3
	1.0	60	2
	2.0	45	1.5

**\*Please note:** The typical properties listed in this bulletin are not intended for use in preparing specifications for any particular application of **Bluesil™** silicone materials. Please contact our Technical Service Department for assistance in writing specifications.

### Typical effect of Bluesil™ PT ACC on Hardness development of addition-cure silicone Moldmaking compounds





## Bluesil™ PT ACC

<b>Storage and shelf life</b>	<b>Bluesil™ PT ACC</b> when stored in its original unopened packaging, at a temperature of 24°C (75°F), may be stored for 12 months from the date of manufacture. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.
<b>Safety</b>	Please consult the Safety Data Sheet of <b>Bluesil™ PT ACC</b> . The curing agent for this material can generate a flammable gas upon contact with acidic, basic, or oxidizing materials. Precautions to avoid contact of this curing agent with these materials should be exercised.
<b>Packaging</b>	<b>Bluesil™ PT ACC</b> is available in 454 gram containers.

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