

# Poly Loc™ Diverting Agent

***kuraray***

**Kuraray Poval™**

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Poly Loc™ is an effective chemical diverting agent capable of providing a temporary diversion to enhance stimulation of the perforation clusters in the targeted zones in a wellbore.

Poly Loc™ is a class of water-soluble diverting agents and as a result, dissolve quickly to reduce the non-productive time without the need to add acid.



## Some of the features of Poly Loc™

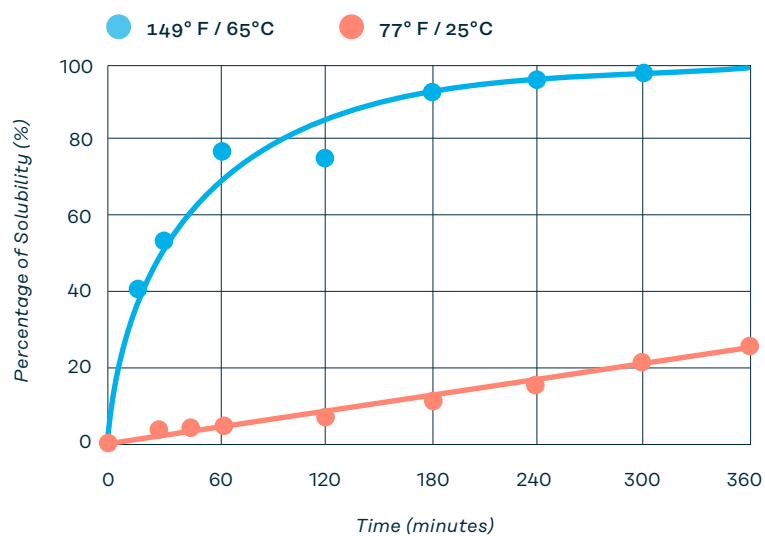
- Water-soluble regardless of pH
- Will not re-solidify once dissolved
- Temperature range between 70°F (20°C) and 220°F (104°C)
- Wide particle-size distribution
- Compatible with most fracturing chemicals
- Composed of a non-toxic base material
- Does not contain corrosive elements such as halogens
- Granular asymmetrical free flowing solid

## Physical properties of Poly Loc™ M01-2

|                          |                              |
|--------------------------|------------------------------|
| Form                     | White granular solid         |
| Specific gravity         | 1.1 - 1.3                    |
| pH                       | 5.0 - 9.0                    |
| Particle size            | Under 6 US Mesh              |
| Temperature of operation | 70°F - 220°F (20°C - 104° C) |

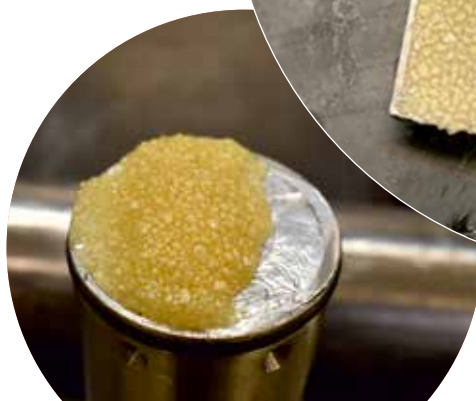
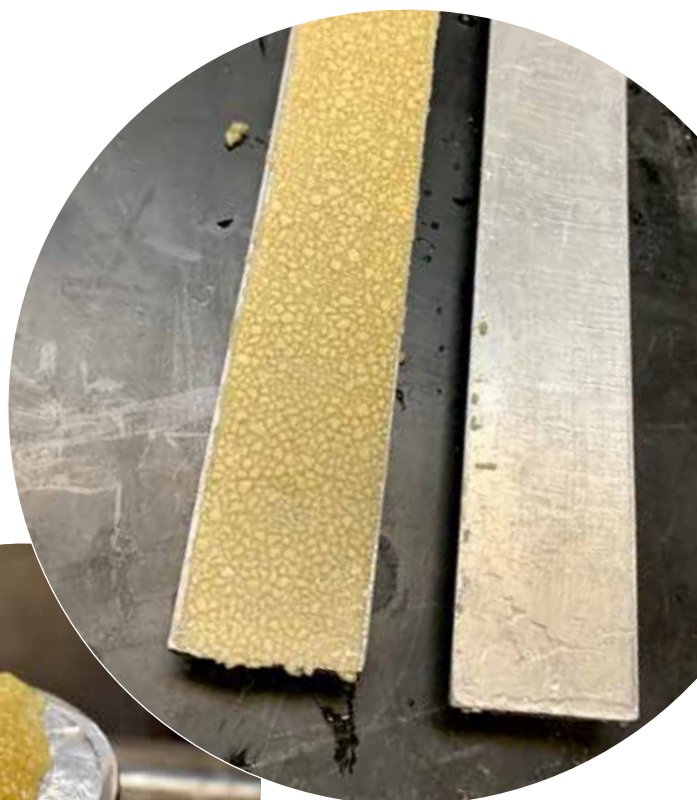


## Solubility of Poly Loc™ M01-2



## Column slug test of Poly Loc™ M01-2

- Wide particle-size distribution enables superior bridging
- Retains approximately 86% of the fluid at 200 psi for 15 sec.



# Adding value to your products – worldwide

KURARAY POVAL™, EXCEVAL™, ELVANOL™, and MOWIFLEX™ are the trademarks for polyvinyl alcohols (PVOH) made by Kuraray. Their key characteristics — outstanding film-forming properties and high binding strength — add real value to your products. Our polymers are water-soluble, highly reactive, crosslinkable and foamable. They have high pigment binding capacity, protective colloid characteristics and thickening effects. The physical and chemical properties of KURARAY POVAL™ make it ideal for a wide variety of applications, ranging from adhesives through paper and ceramics to packaging films. Many of our polymers are food contact-approved and thus suitable for food applications.

Kuraray produces its wide range of KURARAY POVAL™ grades in Japan, Singapore, Germany and the USA. Kuraray's global production and service network make us your partner of choice for innovative high-quality PVOH resins.



**Kuraray Poval™**

PLEASE CONTACT US  
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