WG-35™ Gelling Agent

WG-35™ gelling agent is a powdered, high-viscosity, rapid-yielding, intermediate-residue guar gum. WG-35 gelling agent is added to various carrier fluids to prepare LCG-35™ (liquid gel concentrate), a gelling agent that can be delivered continuously from a transport or supply tank to a blender and mixed with water to form fracturing gels.

**Features**

WG-35 gelling agent will disperse and hydrate when added directly to water from LGC-35 and then agitated. In LGC-35, WG-35 gelling agent can be used for several fracturing applications, such as Waterfrac™, Delta Frac® and Hybor™ fracturing fluids. At surface temperatures, viscosities derived from WG-35 gelling agent are higher than those derived from WG-19™ and WG-22™ gelling agents. The well conditions and required fluid properties in the fracture will determine appropriate concentrations of WG-35 gelling agent for specific jobs.

**Breakers**

WG-35 gelling agent helps provide the following benefits:

- When used to create LGC-35 gelling agent, WG-35 agent provides a liquefied, guar gelling agent formulation for preparing base fracturing gels.
- In LGC-35, WG-35 does not create “fisheyes” when additional gelling agents are added to the base gel to increase viscosity.
- In LGC-35, the combination of WG-35 gelling agent and a carrier fluid lowers fluid loss, which can improve fluid efficiency in formations with permeabilities less than 1 md.

**WG-35 Gelling Agent - Product Specifications**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>101286071 (1,000-lb bag)</th>
<th>Specific Gravity</th>
<th>1.47</th>
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</thead>
<tbody>
<tr>
<td>Form</td>
<td>Off-white, solid powder</td>
<td>Flash Point (PMCC)</td>
<td>&gt;200°F (&gt;93°C)</td>
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<tr>
<td>Bulk Density</td>
<td>36 lb/ft³</td>
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