

## DESCRIPTION

MIN-U-GEL<sup>®</sup> G-35 is a hydrous magnesium aluminum silicate with gelling and rheological properties used to thicken and stabilize asphalt containing systems. MIN-U-GEL<sup>®</sup> G-35 can be used alone or in conjunction with other fibrous and non-fibrous thickeners where a low shear thixotrope is needed.

## TYPICAL PHYSICAL PROPERTIES

Free Moisture, wt. % @ 220°F	10
Dry Particle Size Average (Microscan Particle Analyzer), microns	9.3
Residue on 325 Mesh Screen (Wet Test), %	0.18
Viscosity of 7% Clay Dispersion in Water (Brookfield), cps	3,700
Specific Gravity	2.4
Apparent Density/Bulk Tamped (lbs/ft <sup>3</sup> )	34
Bulking Value (lbs/gal)	20
pH	9.8
Color	Light Cream

## TYPICAL CHEMICAL ANALYSIS

SiO <sub>2</sub>	66.21%	MgO	9.70%
Al <sub>2</sub> O <sub>3</sub>	11.71%	K <sub>2</sub> O	1.07%
Fe <sub>2</sub> O <sub>3</sub>	4.02%	CO <sub>2</sub>	2.57%
TiO <sub>2</sub>	0.55%	SO <sub>4</sub>	0.25%
P <sub>2</sub> O <sub>5</sub>	0.99%	Other	0.01%
CaO	2.92%		

(Although the elements are reported as oxides, they are actually present as complex aluminosilicates.)

## TYPICAL APPLICATIONS

- Asphalt cutback roof coatings & mastics
- Asphalt sealants and crack sealers
- Asphalt patching compounds

All of the above information provided is presented in good faith, based on our testing and experience, and believed to be accurate. No guarantee, either expressed or implied, is made with respect to the infringement of any patent. These values represent typical data from samples taken from production batches. They are not to be considered specifications. Results may vary depending upon equipment and procedures. The user of these materials is responsible for determining its suitability for their application.

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