



TECHNICAL DATA

Agrol Diamond®

Soy-based polyols suitable for all polyurethane applications.

Product Description

- USDA Certified Biobased Product with 88% bio-carbon content (ASTM D6866)
- 70% primary hydroxyl groups
- Derived from purified soybean oil, an annually renewable feedstock

Registry Number

Chemical Abstracts Service (CAS) No. 936086-50-9

Chemical Emergency Contacts

Call CHEMTREC at 800.424.9300 or (Collect) 703.527.3887 (USA)

Storage

- Slightly hygroscopic
- Containers need to be closed tightly and kept from moisture.
- May become turbid at or below room temperature after extended periods. Reheating to 120°F (50°C) or above will restore clarity. The performance of Agrol Diamond® is not affected by the appearance or turbidity.
- Product shelf life is 180 days when stored between 70°F to 120°F (21°C to 50°C) in a closed container.



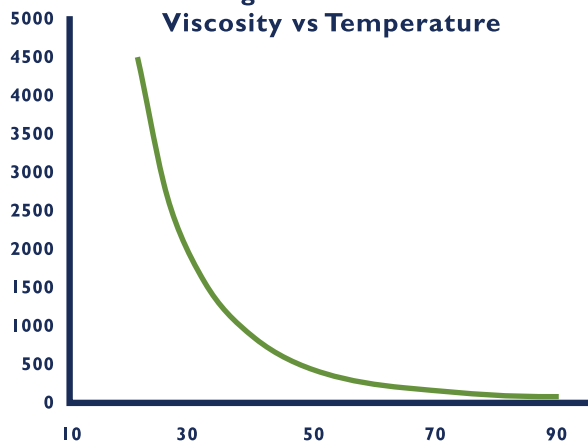
Agrol
Diamond®



Physical and Chemical Properties

Property	Units	Agrol Diamond®
Typical Hydroxyl Value	mg KOH/g	355
Acid Value	mg KOH/g	≤ 2.0
Typical Viscosity @ 25°C	cP	3300
Typical Water Content	% w/w	< 0.2
Equivalent Weight	g/eq _{OH}	158
Density @ 25°C	g/cm ³	1.017
Estimated Functionality	eq _{OH} /mol	>3.0
Typical Color (Gardner Index)	N/A	9

Agrol Diamond®
Viscosity vs Temperature



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