



TECHNICAL DATA

Agrol® 2.0 — 4.0

Product Description

- Soy-based polyols suitable for all polyurethane applications
- Derived from purified soybean oil, an annually renewable feedstock
- USDA Certified Biobased Products

Agrol® 2.0 - 4.0

98% bio-carbon content (ASTM D6866)

Agrol® 3.0 AO

96% bio-carbon content (ASTM D6866)

- Custom products up to 7.0 functionality are available in truckload quantities

Registry Number

Chemical Abstracts Service (CAS)
No. 693217-63-9

Chemical Emergency Contacts

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

Storage

Product shelf life is 360 days when stored between 50°F to 120°F (10°C to 50°C) in a closed container.

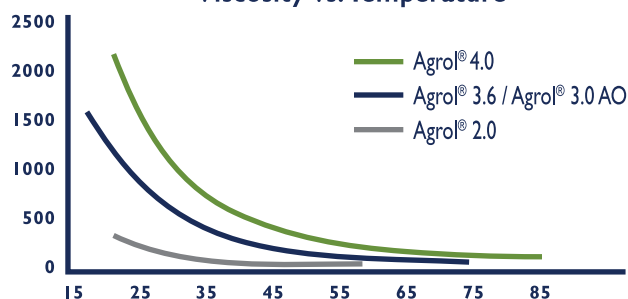


Physical and Chemical Properties

Property	Units	Agrol® 2.0	Agrol® 3.6	Agrol® 4.0	Agrol® 3.0 AO
Typical Hydroxyl Value	mg KOH/g	70	112	135	112
Acid Value	mg KOH/g	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0
Typical Viscosity @ 25°C	cP	233	720	1700	720
Water Content	% w/w	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1
Equivalent Weight	g/eq _{OH}	800	500	415	500
Density @ 25°C	g/cm ³	0.955	0.975	0.976	0.975
Estimated Functionality	eq _{OH} /mol	1.7	3.0	3.6	3.0
Typical Color (Gardner Index)	N/A	5	5	6	5



Agrol® 2.0, 3.6, 4.0 and 3.0 AO
Viscosity vs. Temperature



Agrol® 2.0



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