

Soy Technologies

Physical Properties of Soyanol Product Line

| | Soyanol™ 1000EX | Soyanol™ 1000E | Soyanol™ SGE40 | Soyanol™ 5000X-ES | Soyanol™ 5000X-HS | Soyanol™ 5000X | Soyanol™ 5000X-TB |
|----------------------------|--------------------|-------------------|-------------------|----------------------|----------------------|-------------------|----------------------|
| Type | Solvent | Emulsion Base | Emulsion | Solvent | Solvent | Solvent | Solvent |
| Color (Gardner) | 1 - 2 | 1 - 2 | n/a | 0 - 1 | 0 - 1 | 1 - 2 | 1 - 2 |
| Viscosity | 8 - 10 cps | 8 - 10 cps | 1,400 cps | 6 - 8 cps | 6 - 8 cps | 6 - 8 cps | 6 - 8 cps |
| % Solids | 95% | 84% | 40% | 94% | 70% | 43% | 32% |
| Relative Density | 0.960 | 0.904 | 0.945 | 0.894 | 0.915 | 0.960 | 1.010 |
| Flash Point | > 217° F | > 220° F | n/a to boiling pt | > 220° F | > 220° F | > 217° F | > 220° F |
| pH @ 1% Solution | 5.0 - 7.0 | 6.0 - 8.0 | 5.0 - 6.0 | 5.0 - 6.0 | 5.0 - 6.0 | 5.0 - 6.0 | 5.0 - 6.0 |
| VOC - EPA Method 24 | 55 g/l | 54 g/l | 18 g/l | 105 g/l | 245 g/l | 535 g/l | 715 g/l |
| VOC - SCAQMD Method 304-91 | 55 g/l | 55 g/l | 44 g/l | 5 g/l | Not Tested | Not Tested | 715 g/l |
| VOC - SCAQMD Method 313-91 | 8.4 g/l | 8.7 g/l | 6.8 g/l | 5 g/l | Not Tested | 158 g/l | 44 g/l |