

SUSPENGEL

| PHYSICAL PROPERTIES | | | | |
|---|-------------|-------------|--------------|--------------|
| | SUSPENGEL16 | SUSPENGEL30 | SUSPENGEL200 | SUSPENGEL325 |
| % Passing #12 Mesh (dry) | | 1.9 | | |
| % Passing #16 Mesh (dry) | 1.9 | | | |
| % Passing #40 Mesh (dry) | 91.0 | | | |
| % Passing #70 Mesh (dry) | 4.0 | | | |
| % Passing 200 Mesh (dry) | 0.3 | 12.0 | 80.0 | |
| % Passing 325 Mesh (dry) | | | | 98.0 |
| % Passing 200 Mesh (wet) | | | 98.0 | |
| % Passing 325 Mesh (wet) | | | 95.0 | 99.0 |
| Specific Gravity | 2.5 | 2.5 | 2.5 | 2.5 |
| pH (6%) | 9.0 | 9.0 | 9.0 | 9.0 |
| Moisture % | 9.0 | 9.0 | 8.0 | 7.0 |
| Apparent Viscosity CPS | | | 9.5 | 12.5 |
| Plastic Viscosity (FV) | | | 9.0 | 10.0 |
| Yield Point, LB/100 ft ² | | | 1.0 | 5.0 |
| Base Exchange Capacity ME/100 G | 105 | 105 | 105 | 105 |
| Oil Absorption ASTM D 281-31, LB/100 LB | | | 38.0 | 41.0 |
| Surface Area N ₂ Absorption | | | 20SQ M/GR | 20SQ M/GR |
| Bulk Density | 85.0 | 76.0 | 72.0 | 60.0 |
| LOI | 11 | 11 | 11 | 12 |

| CHEMICAL ANALYSIS | | | |
|--------------------------------|------|-------------------|-----|
| SiO ₂ | 63.3 | CaO | 0.7 |
| Al ₂ O ₃ | 21.4 | Na ₂ O | 2.7 |
| Fe ₂ O ₃ | 3.8 | K ₂ O | 0.3 |
| MgO | 2.0 | | |

TYPICAL INDUSTRIAL USES

- Agricultural Products
 - Pesticides
 - Fertilizers
 - Fungicides
- Coatings Markets
 - Rheological additive
 - Suspension
- Paper Industry
 - Suspension
 - De-Inking
- Industrial Markets
 - Ceramics
 - Adhesives
 - Caulks
 - Sealants
 - Foundry/Refractory
- Environmental Applications
 - Water Treatment
 - Waste Treatment
 - Pond/Lake Sealing

SUSPENGEL PLUS

| PHYSICAL PROPERTIES | | |
|---|--------------------|--------------------|
| | SUSPENGEL 200 PLUS | SUSPENGEL 325 PLUS |
| % Passing 200 Mesh (dry) | 80.0 | |
| % Passing 325 Mesh (dry) | | 98.0 |
| % Passing 200 Mesh (wet) | 98.0 | |
| % Passing 325 Mesh (wet) | 95.0 | 99.0 |
| Specific Gravity | 2.5 | 2.5 |
| pH (6%) | 9.0 | 9.0 |
| Moisture % | 8.0 | 7.0 |
| Apparent Viscosity CPS | 18.0 | 20.0 |
| Plastic Viscosity (FV) | 12.0 | 14.0 |
| Yield Point, LB/100 ft ² | 16.0 | 12.0 |
| Base Exchange Capacity ME/100 G | 98.0 | 98.0 |
| Oil Absorption ASTM D 281-31, LB/100 LB | 34.0 | 37.0 |
| Surface Area N ₂ Absorption | 20SQ M/GR | 20SQ M/GR |
| Bulk Density | 72.0 | 61.0 |
| LOI | 14 | 16 |

CHEMICAL ANALYSIS

| | | | |
|--------------------------------|------|-------------------|-----|
| SiO ₂ | 63.3 | CaO | 0.6 |
| Al ₂ O ₃ | 21.4 | Na ₂ O | 2.5 |
| Fe ₂ O ₃ | 3.8 | K ₂ O | 0.3 |
| MgO | 2.3 | | |

TYPICAL INDUSTRIAL USES

- Agricultural Products
 - Pesticides
 - Fertilizers
 - Fungicides
- Coatings Markets
 - Rheological additive
 - Suspension
- Paper Industry
 - Suspension
 - De-Inking
- Industrial Markets
 - Ceramics
 - Adhesives
 - Caulks
 - Sealants
 - Foundry/Refractory
- Environmental Applications
 - Water Treatment
 - Waste Treatment
 - Pond/Lake Sealing