

PRODUCT SPECIFICATION GRANULAR POLYSULPHATE - BRAZIL

| PRODUCT | GRADE |
|---------------------|-----------------|
| Polysulphate | Granular |

| Chemical Analysis | Typical | Guaranteed |
|---|----------------|-------------------|
| Water Soluble Potassium (as K ₂ O) | 14.2% | 14.0% minimum |
| Calcium (Ca) | 12.8% | 12.2% minimum |
| Magnesium (Mg) | 3.7% | 3.6% minimum |
| Sulphur (S) | 19.7% | 19.2% minimum |
| Sulphur in the form of SO ₄ | 19.7% | 19.2% minimum |
| Chlorides (Cl ⁻) | | 3.0% maximum |
| Moisture (H ₂ O) | 0.4% | 1.0% maximum |

| Particle size distribution | | |
|-----------------------------------|----------------|-----------------------------------|
| Mesh Size | | Typical Retained Range (%) |
| (mm) | Tyler # | |
| 4.75 | 4 | 0 |
| 4.00 | 5 | 5 – 20 |
| 2.00 | 10 | 88 – 99 |
| 1.00 | 18 | 99 |

| Reagent Addition | |
|-------------------------|-------|
| Coating Oils | Added |

| Physical & Chemical properties | |
|---|----------------------|
| Bulk Density | 1.5 T/m ³ |
| pH | Neutral |

| Trace Elements | Typical |
|-----------------------|----------------|
| Arsenic (As) | < 1.0 mg/kg |
| Cadmium (Cd) | < 1.0 mg/kg |
| Chromium (Cr) | < 5.0 mg/kg |
| Mercury (Hg) | < 0.1 mg/kg |
| Lead (Pb) | < 5.0 mg/kg |

All chemical analyses are determined according to EC 2003/2003 fertiliser regulation.