

## PRODUCT SPECIFICATION STANDARD POLYSULPHATE - BRAZIL

PRODUCT	GRADE
<b>Polysulphate</b>	<b>Standard</b>

Chemical Analysis	Typical	Guaranteed
Water Soluble Potassium (as K <sub>2</sub> O)	13.5%	13.0% minimum
Calcium (as Ca)	11.8%	11.0% minimum
Magnesium (as Mg)	3.4%	3.0% minimum
Sulphur (as S)	18.6%	18.0% minimum
Sulphur in the form of SO <sub>4</sub>	18.6 %	18.0% minimum
Chlorides (Cl)		5.0% maximum
Moisture (H <sub>2</sub> O)	0.5%	1.0% maximum

Particle size distribution	
Mesh Size (mm)	Typical Retained Range (%)
2.00	0-2
1.18	0-15
0.85	20-40
0.60	40-60

Reagent Addition	
Coating Agent	None

Physical & Chemical properties	
Bulk Density	1.5 T/m <sup>3</sup>
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.