

Calcium Ammonium Nitrate with Sulphur (CNS)



Appearance	Greyish-white granules
Total Nitrogen (N)	27% max
– nitric N (N-NO ₃)	13.5% max
– ammoniacal N (N-NH ₄)	13.5% max
Sulphur SO ₃ (S)	10% (4%) min
Calcium CaO (Ca)	8% (5.7%) min
Calcium carbonate	5% min
Moisture content	1% max
Granulometric composition:	
– under 1 mm	1% max
– 2 – 5 mm	95% min
– under 6.3 mm	100%
Granule static strength	2.5 MPa min
Size Guide Number (SGN)	310 – 350
Bulk density	1020 kg/m ³
Angle of repose	29°
Free flowing	100%