

POTASSIUM CHLORIDE - TECHNICAL GRADE

MATERIAL SPECIFICATIONS

COMPONENT SYMBOL UNIT TYPICAL

POTASSIUM KCL % MIN 98.9
CHLORIDE DRY BASIS
POTASSIUM K₂O % 62.50
OXIDE (MIN 62 %)
POTASSIUM K % 51.87
SODIUM NA CL % 1.10
CHLORIDE
MOISTURE H₂O % 0.1 MAX.
BROMINE BR PPM 200 MAX
CALCIUM CA PPM 50 MAX
CHLORIDE CL % 47.61
MAGNESIUM MG PPM 20 MAX
SULFATE SO₄ PPM 50 MAX
WATER INSOLUBLES H₂O PPM 200 MAX
AMMONIA AS N(NH₄) BDL
COMPOUND AS AMMONIA

PARTICLE SIZE DISTRIBUTION
TYLER [SGN 55-70]

TYLER US MM TYPICAL TYPICAL
MESH MESH MESH CUM% RANGE%
28 30 0.600 8.3 1-10
35 40 0.425 23.0 12-35
48 50 0.300 50.2 25-55
65 70 0.212 77.5 55-80
100 100 0.150 88.7 79-95
150 140 0.106 98.0 92-99
PASSING THROUGH
150 140 0.106 2.0 1-8

PHYSICAL PROPERTIES

PARAMETER UNIT TYPICAL
BULK DENSITY IB/CU FT 74-83
KG/M³ 1185-1329
ANGLE OF DEGREES 24-31
REPOSE

MATERIAL SHOULD BE WHITE IN
COLOUR

TOTAL ANNUAL QUANTITY : 57,000 KGS