

POTASSIUM SULFATE

Soluble Grade - Crystallized

CAS N° 7778 - 80 - 5

GENERAL DESCRIPTION	
CHEMICAL FORMULA	K ₂ SO ₄
APPEARANCE	White Crystalline Powder
ORIGIN	Nonsynthetic (natural brines)
ADDITIVES	With antidustment Treatment
INTERNAL CODE	SOP-WS

CHEMICAL SPECIFICATIONS		GUARANTEED	
POTASSIUM	K ₂ O	%	52 min
SULFATE	SO ₄	%	54 min
CHLORIDE	Cl	%	1.0 max
INSOLUBLES		%	0.1 max

CHEMICAL SPECIFICATIONS		TYPICAL	
POTASSIUM	K ₂ O	%	53
MAGNESIUM	MgO	%	0.2
CALCIUM	Ca	%	0.1
CHLORIDE	Cl	%	0.07
INSOLUBLES		%	0.05
WEIGHT LOSS	(1 hr @ 60°C)	%	0.16
	(1 hr @ 100°C)	%	0.36

SCREEN ANALYSIS			
TYPICAL			
SIZE GUIDE NUMBER (SGN)			17
US Standard Sieve	Tyler	Microns	
+40	+35	420	0.5%
-200	-200	74	8.0%

Note: Measured at plant site. Particle size can be affected by handling and transportation

PHYSICAL PROPERTIES	
SOLUBILITY (in water at 20°C)	11.1 g/100 cm ³
DENSITY (Bulk)	1.32 ton (metric) /m ³
ANGLE OF REPOSE	39°

Before using this product, please read the product specifications, the material safety data sheet and any other applicable product literature.

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