



PRODUCT DATA SHEET - SPECIALTY FERTILIZERS

POTASSIUM CHLORIDE	Standard Grade - Crystallized
CAS N° 7447-40-7	(Contains an Anticaking Agent)

CHEMICAL FORMULA	KCl
APPEARANCE	White Crystals

CHEMICAL SPECIFICATIONS			
GUARANTEED			
POTASSIUM	as K ₂ O	%	60.0 min
PURITY	KCl	%	95.0 min

CHEMICAL SPECIFICATIONS			
TYPICAL			
POTASSIUM	as K ₂ O	%	60.2
SODIUM	Na	%	1.2
CALCIUM	Ca	%	0.1 - 0.25
MAGNESIUM	Mg	%	0.1
SULFATE	SO ₄	%	1.0 - 1.5
BROMIDE	Br	%	< 0.01
MOISTURE	H ₂ O	%	0.2
INSOLUBLES		%	0.05

SCREEN ANALYSIS			
TYPICAL			
US Standard Sieve	Tyler	mm	
+20	+32	0.50	14%
+45	+42	0.35	33%
+60	+60	0.25	56%
+80	+80	0.18	71%
+120	+115	0.125	82%
+200	+200	0.075	92%
-200	-200	-0.075	8%

PHYSICAL PROPERTIES	
DENSITY (Bulk)	1.23 ton (metric) /m ³
DENSITY (Tapped)	1.32 ton (metric) /m ³
ANGLE OF REPOSE	34°

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