



THE WORLDWIDE
BUSINESS FORMULA

PRODUCT DATA SHEET - SPECIALTY FERTILIZERS

Agricultural Grade - Prilled

POTASSIUM NITRATE CONTROLLED RELEASE - 9 MO

CAS N° 7757 - 79 - 1

GENERAL DESCRIPTION

CHEMICAL FORMULA	KNO ₃
APPEARANCE	White prills
INTERNAL CODE	

CHEMICAL SPECIFICATIONS

GUARANTEED

NITROGEN	as Nitrate Nitrogen	%	12	min
POTASSIUM	as soluble K ₂ O	%	42	min
CHLORIDE	Cl	%	0.6	max

PHYSICAL PROPERTIES

SGN	273.00
UNIFORMITY INDEX	54.00
BULK DENISTY	71.4 LBS / CU FT
PARTICLE HARDNESS	13-14 LBS to crush per TFI method IV (-7+8 MESH GRANULES)
ABRASIVE RESISTANCE	0.90

The resin coating is tough and durable; and, therefore, its release control quality essentially remains unaltered even when subjected to most conveying, blending, and application operations. This means label guarantees for controlled release nitrogen can be met consistently when tested by the state fertilizer control chemists.

AVERAGE MEDIAN TEMPS

60° F	70° F	80° F
330 / 11	300 / 10	270 / 9
LONGEVITY IN DAYS & MONTHS (UP TO)		

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