



FertiUSA P-Rock Catalog





FertiUSA LLC
 info@fertiusa.com
 www.fertiusa.com

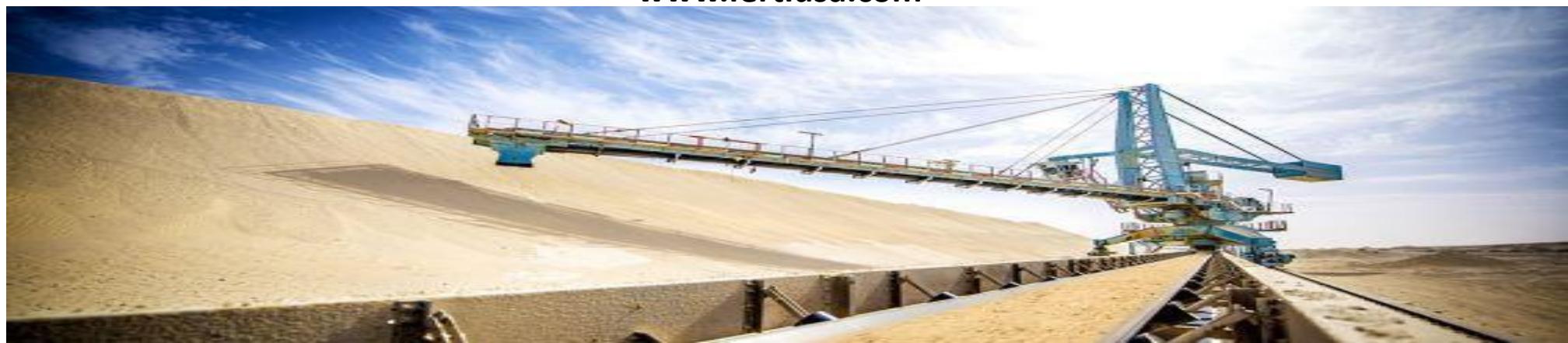
1. CHEMICAL PROPERTIES

K20

Family: **PHOSPHATE ROCK**

ELEMENT	CONTENT	CONTENT (MIN)	CONTENT (MAX)	ANALYSIS METHOD
P2O5	33 %	32,9 %	33,2 %	Gravimetric method - NF ISO 6598
BPL	72,2 %	72 %	72,5 %	Gravimetric method - NF ISO 6598
CO2	5 %	3,5 %	6,3 %	Calcimeter (Bernard type)
SO3	1,70 %	1,5 %	2,2 %	ICP Method
SiO2 TOTAL	2,6 %	1,6 %	3,6 %	Gravimetric Method
CaO	51,50 %	50,5 %	52,5 %	Volumetry EGTA
MgO	0,35 %	0,25 %	0,44 %	ICP Method
Fe2O3	0,22 %	0,14 %	0,3 %	ICP Method
Al2O3	0,50 %	0,35 %	0,7 %	ICP Method
Na2O	0,85 %	-	0,9 %	ICP Method
K2O	0,08 %	-	0,1 %	ICP Method
F	4%	-	4,17 %	Specific electrode
Cl (ppm)	250	200	300	Potentiometry
Moisture (H2O)	1,8 %		2 %	Gravimetric method NF ISO 12048
C,Org (ppm)	1600	800	1900	Volumetry

www.fertiusa.com





2. PHYSICAL PROPERTIES

PARTICLE SIZE DISTRIBUTION	PROFILE	CONTENT (MIN)	CONTENT (MAX)
> 4800 (µm)	0,5 %	-	1 %
> 2000 (µm)	3,5 %	2 %	5 %
> 800 (µm)	9,5 %	8 %	11 %
> 500 (µm)	14,5 %	12 %	17 %
> 315 (µm)	24 %	20 %	28 %
> 160 (µm)	60 %	55 %	65 %
> 80 (µm)	94,5 %	93 %	96 %
> 40 (µm)	99 %	98 %	99,5 %

www.fertiusa.com





FertiUSA LLC
 info@fertiusa.com
 www.fertiusa.com

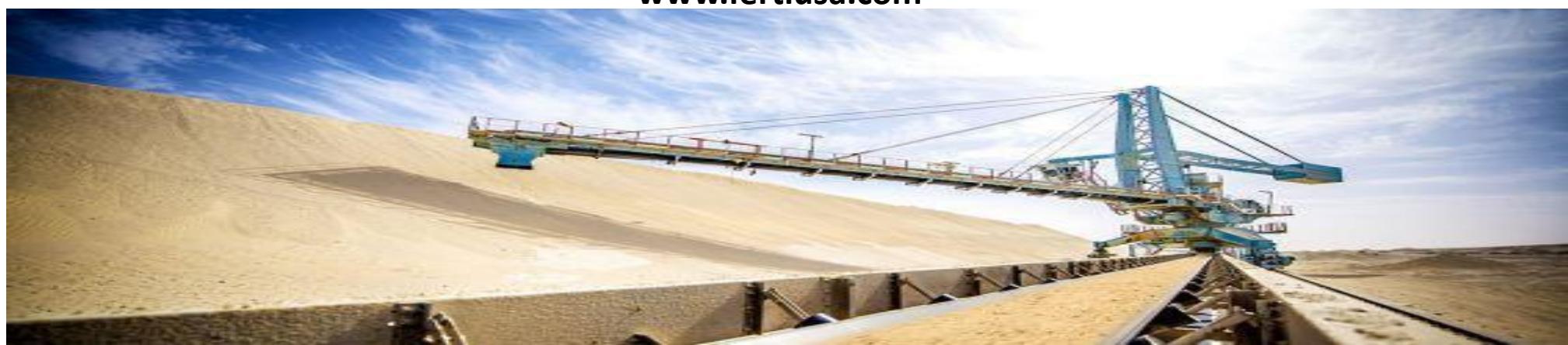
1. CHEMICAL PROPERTIES

YCC

Family: **PHOSPHATE ROCK**

ELEMENT	CONTENT	CONTENT (MIN)	CONTENT (MAX)	ANALYSIS METHOD
P2O5	33%	31,6%	33,4%	Gravimetric method - NF ISO 6598
BPL	72,11%	69%	73%	Gravimetric method - NF ISO 6598
CO2	2,6%	2,2%	3,1%	Calcimeter (Bernard type)
SO3	1,7%	1,4%	1,9%	ICP Method
SiO2 TOTAL	4,9%	3,5%	7,0%	Gravimetric Method
CaO	53%	50%	54%	Volumetry EGTA
MgO	0,7%	0,63%	0,85%	ICP Method
Fe2O3	0,15%	0,12%	0,19%	ICP Method
Al2O3	0,35%	0,3%	0,4%	ICP Method
Na2O	1%	0,73%	1,15%	ICP Method
K2O	0,07%	0,05%	0,08%	ICP Method
F	4%	3,8%	4,50%	Specific electrode
Cl (ppm)	375	230	600	Potentiometry
C,Org (ppm)	600	200	800	Volumetry
Moisture (H2O)	0,1%	0,1%	0,5%	Gravimetric method NF ISO 12048

www.fertiusa.com





2. PHYSICAL PROPERTIES

PARTICLE SIZE DISTRIBUTION	PROFILE	CONTENT (MIN)	CONTENT (MAX)
> 2000 (µm)	3,6%	2,4%	5%
[500-2000] (µm)	13,4%	10,9%	16,4%
[160-500] (µm)	65,5%	62,6%	68,3%
[40-160] (µm)	17,3%	14,3%	20%
<40 (µm)	0,25%	0,15%	4%

www.fertiusa.com

