



SPECIFICATION OF ROCK PHOSPHATE (LOW GRADE 65.5% BPL MIN)

(A) CHEMICAL INGREDIENTS

(I)	Moisture	:	2.00 (Max) % W/W
(II)	Total Phosphate (P ₂ O ₅)	:	30 (Min) % W/W
(III)	Calcium Oxide (CaO)	:	45 – 52 % W/W
(IV)	Sulphate (SO ₃)	:	0.5 – 2 % W/W
(V)	Silica (SiO ₂)	:	5 – 8 % W/W
(VI)	Carbon-di-oxide (CO ₂)	:	5 – 6 (Max) % W/W
(VII)	Fluoride (F)	:	4 (Max) % W/W
(VIII)	Iron (Fe ₂ O ₃)	:	1.0 (Max) % W/W
(IX)	Iron and Aluminium (R ₂ O ₃)	:	2.0 (Max) % W/W
(X)	Water Soluble (CL)	:	0.04 (Max) % W/W
(XI)	Sodium Oxide (Na ₂ O)	:	0.8 % (Max) W/W
(XII)	Potassium Oxide (K ₂ O)	:	0.3 % W/W
(XIII)	Magnesium Oxide (Mgo)	:	0.5 (Max) % W/W
(XIV)	Organic Matter with Crystalline: Water	:	2.4 (Max) % W/W
(XV)	B P L	:	65.5 % Min

(B) Physical Ingredients:

(I)	Fluidity	:	Free Flowing
(II)	Particle size distribution :		
(a)	+ Mesh (4.75 mm)	:	0 – 2 % W/W
(b)	- 4 + 100 Mesh (4.75 mm – 0.15 mm):	:	65 – 80 % W/W
(c)	-100+200 Mesh (0.15mm-0.075 mm):	:	15 – 25 % W/W
(d)	-200+270 Mesh (0.075mm – 0.053mm):	:	1 – 3 % W/W
(e)	- 270 Mesh (0.053 mm)	:	2 – 3 % W/W



SPECIFICATION OF ROCK PHOSPHATE (HIGH GRADE 72% BPL MIN)

(A) CHEMICAL INGREDIENTS

(I)	Moisture	:	2.00 (Max) % W/W
(II)	Total Phosphate (P ₂ O ₅)	:	32.95 (Min) % W/W
(III)	Calcium Oxide (CaO)	:	48 – 52 % W/W
(IV)	Silica (SiO ₂)	:	2.5 – 5 % W/W
(V)	Sulphate (SO ₃)	:	0.7 – 1.90 % W/W
(VI)	Carbon-di-oxide (CO ₂)	:	5 (Max) % W/W
(VII)	Fluoride (F)	:	4 (Max) % W/W
(VIII)	Iron (Fe ₂ O ₃)	:	1 (Max) % W/W
(IX)	Iron and Aluminium (R ₂ O ₃)	:	2 (Max) % W/W
(X)	Water Soluble (CL)	:	0.04 (Max) % W/W
(XI)	Sodium Oxide (Na ₂ O)	:	0.2 – 0.8 % W/W
(XII)	Potassium Oxide (K ₂ O)	:	0.1 – 0.3 % W/W
(XIII)	Magnesium Oxide (Mgo)	:	0.5 (Max) % W/W
(XIV)	Organic Matter with Crystalline: Water	:	2.4 (Max) % W/W
(XV)	B P L	:	72 % Min

(B) Physical Ingredients:

(I)	Fluidity	:	Free Flowing
(II)	Particle size distribution :		
(a)	+ Mesh (4.75 mm)	:	0 – 2 % W/W
(b)	- 4 + 100 Mesh (4.75 mm – 0.15 mm):	:	65 – 80 % W/W
(c)	-100+200 Mesh (0.15mm-0.075 mm):	:	15 – 25 % W/W
(d)	-200+270 Mesh (0.075mm – 0.053mm):	:	1 – 3 % W/W
(e)	- 270 Mesh (0.053 mm)	:	2 – 3 % W/W

