



PRODUCT SPECIFICATION SHEET

DIAMMONIUM PHOSPHATE (DAP)

Typical Chemical Analysis	
Total Nitrogen, wt %	17.5 - 18.0%
Phosphate as P ₂ O ₅	
Total and Available, wt %	45.5 - 46.2%
Water Soluble, wt %	41.5%
Crude Moisture as H ₂ O, wt %	0.6% (0.4 - 0.9)
Ground Moisture as H ₂ O, wt %	2.3% (2.0 - 2.6)
Iron as Fe ₂ O ₃ , wt %	1.7%
Aluminum as Al ₂ O ₃ , wt %	1.5%
Magnesium as MgO, wt %	1.0%
Sulfate Sulfur as S, wt %	1.2%
Calcium as CaO, wt %	0.4%
pH in 1% Solution	7.4

Typical Physical Properties	
Bulk Density (Loose)	56 lbs/ft ³ or 897 kg/m ³
Bulk Density (Packed)	60 lbs/ft ³ or 961 kg/m ³
Angle of Repose	31-33 Degrees
Hardness (-8, +9 size)	7.5 lbs or 3.4 kg
Size Guide Number (SGN)	260-300
Uniformity Index (UI)	>50

Particle Size Distribution (% Cumulative)			
Tyler Mesh	Size (mm)	Typical	Typical Range
+5	4.00	5.0	3.0 - 10.0
+6	3.35	13.0	8.0 - 18.0
+9	2.00	91.0	83.0 - 96.0
+10	1.70	97.6	95.0 - 99.0
+14	1.18	99.5	99.0 - 99.8
+20	0.85	99.7	99.8 - 100
-20	<0.85	0.1	0 - 0.2

The Material Safety Data Sheet ("MSDS") for this product contains important environmental, health and safety information regarding this product, including information concerning the handling and storage of this product. Copies of the MSDS for this product can be obtained at www.cfindustries.com or by contacting your CF representative.

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Effective 01/01/2007. Specifications subject to change.