

**Title** POLYON PCNOP  
Mini Size

**No.** PD-14d

**Issued** July 11, 2001

**Product Names:** POLYON® Coated Potassium Nitrate. Polymer Coated Nitrate of Potash, Polymer Coated Potassium Nitrate (PCNOP)

Note: Reactive Layers Coating (RLC™) Process (RLC-NOP); PC NOP is Association of American Plant Food Control Officials (AAPFCO) Definition (T-32), Official Pub. No. 51, 1998.

**Label Guaranteed Analysis:** 12-0-42

Total Nitrogen(N)..... 12%  
12% Nitrate Nitrogen (NO<sub>3</sub> -- N)\*

Soluble Potash(K<sub>2</sub>O)\*.....42%

Source of Nutrient: polymer coated potassium nitrate

\*12% slowly available nitrate nitrogen and 42% soluble potash from polymer coated potassium nitrate as manufactured, per AOAC 970.04 (Katz) method.

**Abrasion/Impact Resistance:** The POLYON polymer coating is tough and durable; and, therefore, its release control quality essentially remains unaltered even when subjected to harsh conveying, blending, or application operations. This means label guarantees for these controlled release nutrients can be met consistently when tested by the state fertilizer control chemists.

**Moisture Resistance:** During storage POLYON coated potassium nitrate remains dry and free flowing even in hot, humid conditions.

**Screen Analysis (Typical) and Size Guide Number (SGN):**

U.S. <u>Sieve</u>	% Retained <u>Cumulative</u>	% Retained <u>on Each</u>	Regular Size <u>SGN</u>
10	1	1	
12	46	45	167
14	81	35	
16	95	14	
18	98	3	
20	99	1	
<20	100	1	

**Product Longevity:** 8 weeks@ 70F, 6 weeks at 80F, 5 weeks@ 90F

**Bulk Density:** 70 lbs per cu. ft.