

Title POLYON PCSOP
Mini Size

No. PD-15

Issued March 8, 2002

Product Names: POLYON[®] Coated SOP; POLYON Coated Potassium Sulfate;
Polymer Coated Sulfate of Potash (PC SOP)

Note: Reactive Layers Coating (RLC™) Process (RLC-SOP); PC SOP is Association of American Plant Food Control Officials (AAPFCO) Definition (T-32), Official Pub. No. 48, 1995

Label Guaranteed Analysis 0-0-45

Soluble Potash (K₂O)*.....45%
Sulfur (S)* (combined).....15%

Source of Nutrient: polymer coated potassium sulfate

*45% slowly available soluble potash and 15% slowly available sulfur (combined) from polymer coated potassium sulfate 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 this controlled release nutrient can be met consistently when tested by the state fertilizer control chemists.

Moisture Resistance: During storage POLYON Coated SOP remains dry and free flowing even in hot, humid conditions.

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

<u>U.S. Sieve</u>	<u>% Retained Cumulative</u>	<u>% Retained on Each</u>	<u>Mini Size SGN</u>
10	<1	<1	147
12	1	1	
14	61	60	
16	91	30	
18	97	6	
20	99	2	
<20	100	1	

Product Longevity: 26 Weeks at 30C (86F)

Particle Hardness: lbs to crush per TFI Method IV (-12+14 mesh granules)

Bulk Density: 97-99 lbs per cu. ft.

Angle of Repose: 26-28 degrees