



# **U.S. Polyco™**

## *Adhering To Quality*

### USP-2100

A black rubbery asphalt modifier available in semi-solid and molten form. Designed as an effective and cost efficient modifier for oxidized asphalts. Its unique proprietary formula helps develop tackiness into the laminating adhesive and imparts superior elastomeric properties in modified coating applications, while maintaining a good softening point, preventing overly soft mixtures.

#### **Physical Properties**

Appearance	Black Semi-Solid
Melt Point	210-230 °F
Viscosity @350° F, Thermosel	2250-3500 cP
Flash Point	390 °F minimum

#### **Toxicity and Flammability**

Contains no hazardous or toxic ingredients. COC (Cleveland Open Cup) Flashpoint exceeds 390°F.

#### **General Recommendations**

USP-2100 is most effective and cost efficient at 7-13% concentrations, depending on the grade and properties of the base asphalt used. Individual desired properties will determine the concentration necessary for a quality laminating adhesive.

Properties such as flexibility, elongation and shear modulus are all increased with the use of USP-2100. Low temperature properties are enhanced as well, lending greater cold flexibility and better handling of the finished product at lower temperatures.

*All U.S. Polyco products are manufactured to exacting standards and are monitored under a strict quality control system, insuring dependable shipment - to - shipment consistency.*