



U.S. Polyco™

Adhering To Quality

USP 4300

USP 4300 is a high strength adhesive compound produced for shingle manufacturing. It is formulated for operators seeking a compound designed specifically for laminating applications. USP 4300 exercises the use of performance based technology. This unique solution by US Polyco provides excellent flow resistance and temperate climate flexibility, combined with strong common bond strength.

USP has developed proprietary rheology that allows us to optimize performance on high speed shingle lines. Common stringing and slinging phenomena are more easily controlled by simple temperature adjustments.

Customers choosing to use USP 4300 benefit from the improved low temperature and good storage stability.

Properties may be customized upon request.

Typical Properties

Softening Point, in °F.	205-235
Penetration @ 77 F, dmm.	35-55
Viscosity @350, Thermocel, cP.	600 - 1100

Performance

		Min - Max
Flow Resistance (°F-Fail)	USP-102	150F - 180F
Spread	USP - 105	0 - 0.5
Low Temperature, °F	ASTM D 5147	0 - 32
Separation, 24 hr., 360°F	USP -110	0 - 20
Flash (Cleveland Open Cup), °F	ASTM D92	>550