

## Dow Saran® 506 Polymer

Category : Polymer , Film , Thermoplastic , PVDC

### Material Notes:

Saran™ 506 Polymer is designed as an ignition resistant adhesive bonding agent. Saran™ 506 is a vinylidene chloride copolymer supplied as a white, micronized powder. It is unaffected by humidity, and has outstanding adhesion to fibrous substrates. No expressed data on flammability are to be considered indications of behavior of this material in actual fire situations; virtually all organic materials burn when sufficient heat and oxygen are supplied. Information provided by Dow

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Saran-506-Polymer.php](http://www.lookpolymers.com/polymer_Dow-Saran-506-Polymer.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.400 - 0.561 g/cc	0.0145 - 0.0203 lb/in³	Dow Method
Particle Size	15 - 25 µm	15 - 25 µm	Dow Method

Thermal Properties	Metric	English	Comments
Melting Point	114 - 172 °C	237 - 342 °F	Dow Method (DSC)
Oxygen Index	63 - 77 %	63 - 77 %	ASTM D2863

Optical Properties	Metric	English	Comments
Optical Density	0.26 - 2.6	0.26 - 2.6	[D<sub>m</sub>]; Flaming Mode; NBS Chamber
	0.33 - 2.93	0.33 - 2.93	[D<sub>m</sub>]; Smoldering Mode; NBS Chamber

## Contact Songhan Plastic Technology Co.,Ltd.

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