

## Permabond 935 Cyanoacrylate

Category : Polymer , Adhesive , Thermoset , Acrylic/Cyanoacrylate Adhesive

### Material Notes:

The PERMABOND 930 series is a family of low odor, non-fogging, non-frosting cyanoacrylates. The reduced odor improves worker comfort. Unsightly fogging adjacent to bondlines, common with other cyanoacrylate adhesives on hot and humid days, is eliminated. The elimination of fogging improves the production rate of acceptable parts as well as their appearance. Features & Benefits: Low odor Eliminates whitening (frosting and fogging) of parts Excellent adhesion to a wide variety of surfaces Good flexibility and impact resistance Typical Applications: Black or dark plastic and metal surface facia Where ventilation is limited or difficult Visible bondlines on appliances or cabinets Nameplates Soluble in Nitroethane, Methyl Ethyl Ketone, Acetone. Information provided by Permabond.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Permabond-935-Cyanoacrylate.php](http://www.lookpolymers.com/polymer_Permabond-935-Cyanoacrylate.php)

Physical Properties	Metric	English	Comments
Viscosity	400 - 600 cP	400 - 600 cP	Uncured
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Storage Temperature	2.00 - 7.00 °C	35.6 - 44.6 °F	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	0.690 MPa	100 psi	ABS, Substrate Failure, Shear; ASTM D1002
	1.38 MPa	200 psi	Polystyrene, Substrate Failure, Shear; ASTM D1002
	1.72 MPa	249 psi	Acrylic, Substrate Failure, Shear; ASTM D1002
	2.10 MPa	305 psi	EPDM, Substrate Failure, Shear; ASTM D1002
	4.10 MPa	595 psi	PVC, Substrate Failure, Shear; ASTM D1002
	6.90 MPa	1000 psi	Aluminum, Shear; ASTM D1002
	13.8 MPa	2000 psi	Grit Blasted Steel, Shear; ASTM D1002

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 °C	167 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	
Flash Point	>= 110 °C	>= 230 °F	

Processing Properties	Metric	English	Comments
Cure Time	0.0833 - 0.167 min	0.00139 - 0.00278 hour	Steel, set time
	0.0833 - 0.167 min	0.00139 - 0.00278 hour	Buna N Rubber, set time
	0.167 - 0.333 min	0.00278 - 0.00556 hour	Phenolic, set time
Shelf Life	1440 min	24.0 hour	full strength
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	Colorless	Uncured
Maximum Gap Fill (mm)	0.2	

## Contact Songhan Plastic Technology Co.,Ltd.

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