

## Permabond 265 Cyanoacrylate

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

### Material Notes:

PERMABOND 265 is a medium viscosity cyanoacrylate ideal for intermediate gap fill application. PERMABOND 265 provides faster set times and improved gap-filling capability compared to conventional cyanoacrylates. The adhesive bonds to a wide range of substrates including metals, ceramics, plastics and elastomers. It is excellent for bonding difficult-to-bond plastics such as polyacetals. Features and Benefits: Instant Setting Improved Gap Filling Faster Strength Development Improved Bonding to Difficult Surfaces High Shear Strength Easy to Apply One Part System Soluble in Nitroethane, Methyl Ethyl Ketone, Acetone Information provided by Permabond.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Permabond-265-Cyanoacrylate.php](http://www.lookpolymers.com/polymer_Permabond-265-Cyanoacrylate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	Uncured
Viscosity	400 cP	400 cP	Uncured
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Storage Temperature	2.00 - 7.00 °C	35.6 - 44.6 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	
Adhesive Bond Strength	8.30 MPa	1200 psi	Aluminum, Shear
	20.0 MPa	2900 psi	Grit blasted steel, Shear
Impact	6.3 - 14.7	6.3 - 14.7	$\text{kJ/m}^2$ Adhesive Impact Strength; ASTM D950

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.0 °C	180 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	
Flash Point	83.0 °C	181 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	9.84 kV/mm	250 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	0.167 min	0.00278 hour	Phenolic, set time

Processing Properties	0.167 min Metric	0.00278 hour English	Buna N Rubber, set time Comments
	0.167 min	0.00278 hour	Steel, set time
	1440 min @Temperature 25.0 °C	24.0 hour @Temperature 77.0 °F	full strength
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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