

Permabond QFS16 Cyanoacrylate Activator

Category : Other Engineering Material , Catalyst/Initiator

Material Notes:

The PERMABOND QFS 16 accelerates the cure of cyanoacrylate adhesives to provide a shorter set time. It can be used in a variety of applications but is especially useful when bonding porous or poorly mated parts. PERMABOND QFS 16 cures the adhesive before it soaks into a porous surface or runs out from between parts with sizable gaps. It can be used to accelerate cure on sensitive plastic surfaces such as polycarbonate without causing stress cracking. No discoloration of the part surface is observed when using PERMABOND QFS 16. The activator can be sprayed on the surface of the cyanoacrylate to accelerate curing in wire tacking or similar bonding applications.

PERMABOND QFS 16 contains a specially chosen initiator in a non-halogenated solvent that is not ozone depleting. This solvent evaporates quickly to leave a thin film of the initiator on the surface to be bonded. Features & Benefits: Contains no ozone depleting agent Rapid setting on closely mated parts Faster cure through gaps Enables cyanoacrylates to bond to porous surfaces Will not stress crack plastic surfaces No discoloration of part surfaces Reduces frosting or fogging of the adhesive Allows cyanoacrylates to cure on strongly passivated metals, aged PVC or acidic surfaces such as wood Typical Applications: Porous Parts Poorly Mated Parts Wire Tacking Reduction of Stress Cracking on Plastic Parts Information provided by Permabond.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Permabond-QFS16-Cyanoacrylate-Activator.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.730 g/cc	0.730 g/cc	
Storage Temperature	<= 27.0 °C	<= 80.6 °F	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	9.65 - 16.5 MPa	1400 - 2390 psi	Steel, Shear

Thermal Properties	Metric	English	Comments
Flash Point	-7.00 °C	19.4 °F	

Processing Properties	Metric	English	Comments
Cure Time	>= 0.0833 min	>= 0.00139 hour	Steel, set time
	>= 0.0833 min	>= 0.00139 hour	Phenolic, set time
	>= 0.167 min	>= 0.00278 hour	Buna N Rubber, set time
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	Colorless	

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