

Permabond QFS10 Cyanoacrylate Activator

Category : Other Engineering Material , Catalyst/Initiator

Material Notes:

The PERMABOND QFS 10 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 QFS10 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 10. The activator can be sprayed on the surface of the cyanoacrylate to accelerate curing in wire tacking or similar bonding applications.

PERMABOND QFS 10 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
 Reduces frosting or fogging of the adhesive
 Allows cyanoacrylates to cure on strongly passivated metals, aged PVC or acidic surfaces such as on 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-QFS10-Cyanoacrylate-Activator.php

Physical Properties	Metric	English	Comments
Storage Temperature	<= 27.0 °C	<= 80.6 °F	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	9.646 - 11.024 MPa	1399 - 1598.9 psi	Steel, Shear

Thermal Properties	Metric	English	Comments
Flash Point	-4.40 °C	24.1 °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	Water-White	

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