

Technical Information

Procure® PC756

2nd Generation DMPT Free Activator

Solvent-based activator formulated to accelerate the curing process of cyanoacrylate adhesives. PC756 is intended for bonding porous natural materials, including wood, cork and leather.

- **DMPT-Free Formulation**
- **Best for Wood & Porous Materials**
- **Enhanced Depth of Cure**
- **Internal and External use**
- **Available in 200ml Aerosol**



Physical Properties

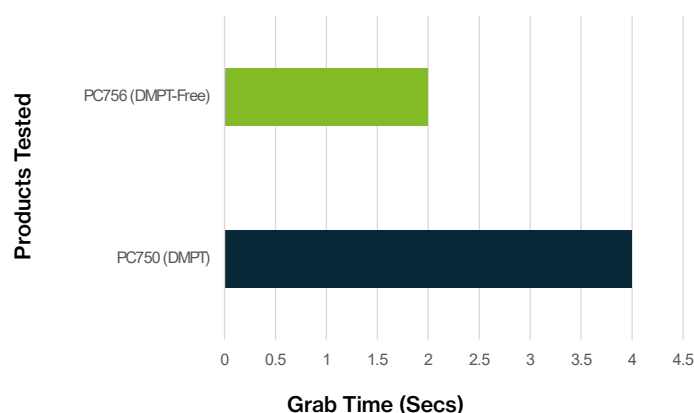
Material		Conversions	
Base	Organic Solvent	(°C x 1.8) + 32	°F
Colour	Clear	N/mm² ÷ 0.098	kg/cm²
Flash Point (°C)	<15 (Highly flammable)	N/mm² x 145	psi
Shelf Life	12 months	MPa x 145	psi
Viscosity (cP)	Very Low	mPa·s	cP

Fixture Time vs. Activator

Procure® PC756 activator may be used with cyanoacrylates where a faster cure speed is required. Fixture times of less than 2 seconds can be obtained with most cyanoacrylates. Testing on the parts to measure the effect is recommended.

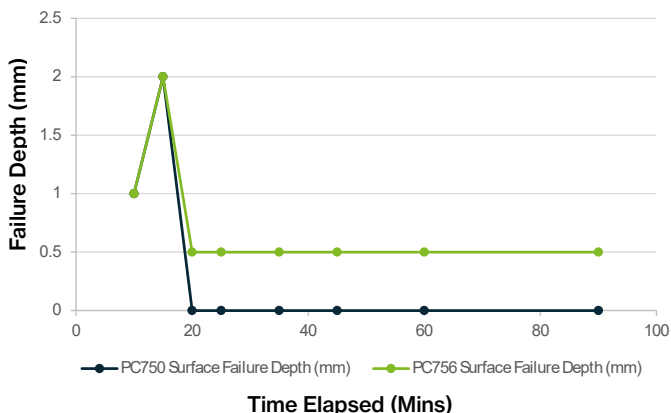
Grab Time Test

An MDF block was uniformly coated with an activator spray for a duration of 2 seconds. After a 10-minute interval, approximately 3 mm thick bead of PC16 adhesive was applied to an adjacent MDF block. The samples were held in contact under firm pressure for 10 seconds. Immediately thereafter, the samples were forcibly separated. Ambient conditions during testing were maintained at a relative humidity of 57–61% and a temperature of 17–18°C.



Surface Failure Depth Test

An MDF block was uniformly coated with an activator spray for a duration of 2 seconds. After a timed interval, approximately 3 mm thick bead of PC16 adhesive was applied to an adjacent MDF block. The samples were held in contact under firm pressure for 10 seconds. Immediately thereafter, the samples were forcibly separated. Ambient conditions during testing were maintained at a relative humidity of 57–61% and a temperature of 17–18°C.

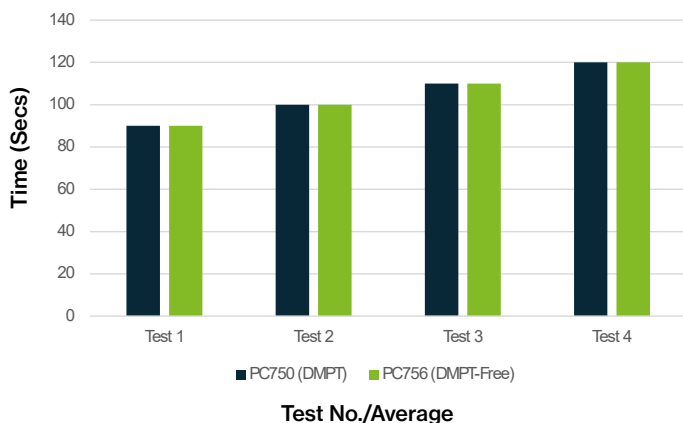


Evaporation vs Mass Dispensing

Solvent-based activators utilize the solvent as a carrier medium to deposit the primary active compound onto the bonding substrate. Efficient application minimizes product wastage attributable to over-dispensing. Excessive dispensation can increase surface wetness, potentially flooding the adhesive interface and impairing adhesion performance. A single, controlled spray is sufficient to achieve optimal application, thereby reducing material consumption and operational costs.

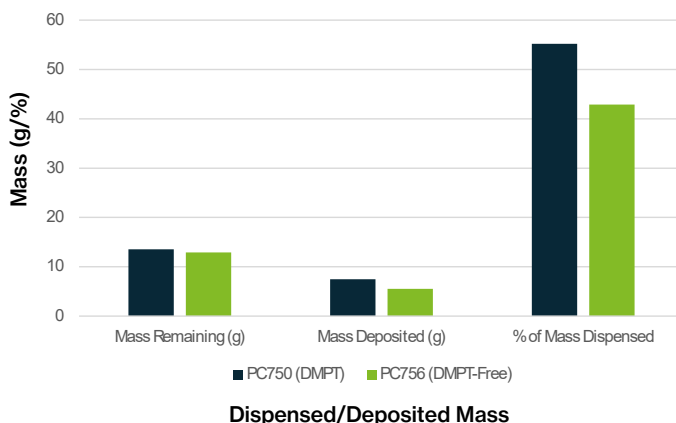
Evaporation Time Test

Time measured for complete evaporation from surface.
Conditions 15.1C RH71.1%.



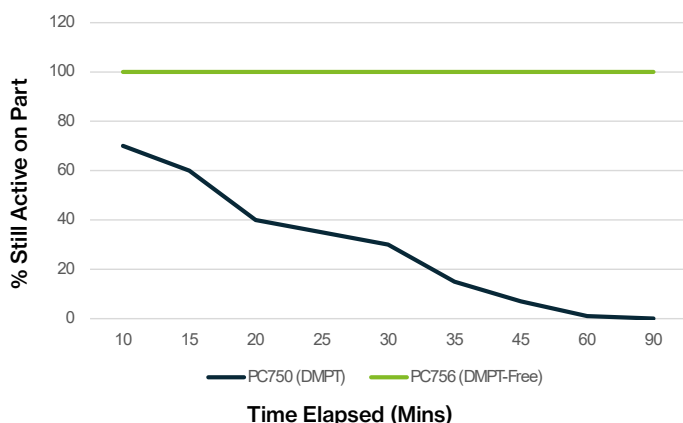
Mass Dispensing Test

Aerosol sprayed for 10 secs, Aerosol weighed before and after each test. Conditions: Temperature 16.0oC, RH 60.0%.



On Part Life Test

MDF samples were aerosol-sprayed for 2 seconds to uniformly cover the surface. Approximately 3 mm diameter bead of PC16 adhesive was applied to a second MDF sample following the specified elapsed time. The samples were held in contact under firm pressure for 10 seconds. Immediately thereafter, the samples were forcibly separated. Ambient conditions during testing were maintained at a relative humidity of 57–61% and a temperature of 17–18°C.



Directions For Use

1. Make sure the surfaces to be bonded are clean and dry.
2. Apply activator to the area to be bonded.
3. Wait for the solvent carrier to evaporate.
4. Apply appropriate Procure® cyanoacrylate to one of the surfaces and assemble parts.

General Information

For information on safe handling of this product consult the Safety Data Sheet (SDS).

Storage

Store in a cool area and out of direct sunlight.

Disclaimer

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