

Loctite® 3035™ Polyolefin Bonder

Category : Polymer , Adhesive , Thermoset

Material Notes:

Loctite® 3035™ Polyolefin Bonder is an easy-to-use, 1:1 mix product that can be stored at room temperature and works where traditional low surface energy bonders often fail. Loctite® 3035™ Polyolefin Bonder offers the highest in reliability and consistency of performance. Bonds low surface energy plastics with no surface preparation. Fixture time of less than 15 minutes boosts productivity. Bonds a wide variety of plastics and metals. 1:1 mix ratio ensures consistent mixing. Room temperature storage saves on energy & equipment costs. Eliminates the need for primers or surface treatments.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-3035-Polyolefin-Bonder.php

Physical Properties	Metric	English	Comments
Viscosity	7500 cP	7500 cP	Part A
	60000 cP	60000 cP	Part B

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	1.65 MPa	239 psi	Shear Strength vs. PP
	2.92 MPa	423 psi	Shear Strength vs. Aluminum
	4.36 MPa	632 psi	Shear Strength vs. LDPE
	4.53 MPa	657 psi	Shear Strength Steel to HDPE
	5.01 MPa	726 psi	Shear Strength vs. PC
	7.205 MPa	1045 psi	Shear Strength vs. Epoxy
	8.529 MPa	1237 psi	Shear Strength vs. PVC
	11.43 MPa	1658 psi	Shear Strength vs. HDPE

Processing Properties	Metric	English	Comments
Cure Time	10 - 15 min	0.17 - 0.25 hour	Fixture
Pot Life	2.0 - 4.0 min	2.0 - 4.0 min	Work Life

Descriptive Properties	Value	Comments
Color	Pale Yellow	
Mix Ratio (A:B)	1:1	

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