

## 3M Scotch-Weld™ DP601 Structural Adhesive

Category : Polymer , Adhesive

### Material Notes:

3M™ Scotch-Weld™ Urethane Adhesives are gray, rapid, setting, two component polyurethanes. They are packaged as 1:1 ratio liquids in a duo-pack cartridge. With the squeeze of a trigger, the components are automatically mixed and easily dispensed as a bubble-free self-leveling liquid. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-Weld-DP601-Structural-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Scotch-Weld-DP601-Structural-Adhesive.php)

Physical Properties	Metric	English	Comments
Density	1.02 - 1.07 g/cc	0.0368 - 0.0387 lb/in <sup>3</sup>	Part B
	1.14 - 1.19 g/cc	0.0412 - 0.0430 lb/in <sup>3</sup>	Part A
Viscosity	6000 cP	6000 cP	
Brookfield Viscosity	1000 - 3000 cP	1000 - 3000 cP	Part A, CP #52 @ 100 rpm
	1100 - 6000 cP	1100 - 6000 cP	Part B, CP #52 @ 100 rpm

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	after 1 hr cure
Shear Strength	15.9 MPa	2300 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	
Minimum Service Temperature, Air	-51.0 °C	-59.8 °F	

Processing Properties	Metric	English	Comments
Cure Time	4.00 min	0.0667 hour	Time to Handling Strength
	60.0 min	1.00 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Clear Yellowish	Part A
	Medium-Gray	
	Opaque Black	Part B

## **Contact Songhan Plastic Technology Co.,Ltd.**

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