

3M Scotch-Weld™ DP8405NS Acrylic Adhesives

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ Acrylic Adhesive DP8405NS is a high performance, two-part acrylic adhesives that offer excellent shear, peel and impact performance. These toughened adhesives provide improved adhesion to many plastics and metals, including those with slightly oil surfaces. This durable product features a fast rate of strength build, providing structural strength in minutes. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-DP8405NS-Acrylic-Adhesives.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	Base
	1.08 g/cc	0.0390 lb/in ³	Accelerator
Viscosity	25000 cP	25000 cP	Accelerator
	70000 cP	70000 cP	Base

Mechanical Properties	Metric	English	Comments
Shear Strength	6.21 MPa	900 psi	Overlap, Polycarbonate, Substrate Failure
	6.89 MPa	1000 psi	Overlap, ABS, Substrate Failure
	8.27 MPa	1200 psi	Overlap, Acrylic, Substrate Failure
	13.1 MPa	1900 psi	Overlap, PVC, Substrate Failure
	28.3 MPa	4100 psi	Overlap, Aluminum, Cohesive Failure

Descriptive Properties	Value	Comments
Appearance	Blue	Accelerator
	Brown	Base

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