

Abatron Ferrobond-P™ Steel-Filled, Structural Adhesive Putty; Paste

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy, Cast, Metal Filled

Material Notes:

Ferrobond-P™ is a steel-filled, structural adhesive putty. Repair or fill metal components, castings, tanks, and magnetic fixtures. Preferred to Metalfix-P™ where heavier weight, magnetism, or highest heat transfer are the main criteria. Technical Characteristics: A: 26 lbs/gal; B: 8lbs/gal; mixing ratios: A/B: 9/1 pbw (10/3.6 pbv); pot life: 1 hour; dark gray; latest "steel plastics" alloy. The Mastershop compounds are versatile, high-impact and wear resistant, and permanent. Good adhesion to metals, ceramics, glass, wood, fiberglass, masonry, and most rigid materials. Dimensionally stable and shrink-free. Almost unlimited shelf-life. Unaffected by atmospheric conditions, salt and fresh water, alkalis, diluted acids, many solvents, oils, and greases. Withstand temperatures up to 100° C (212° F) or 160° C for the "H" versions. Cured material is easy to machine with standard tools. Can be applied in any thickness. Ample working time.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-Ferrobond-P-Steel-Filled-Structural-Adhesive-Putty-Paste.php

Physical Properties	Metric	English	Comments
Density	0.959 g/cc	0.0346 lb/in³	Part B
	3.12 g/cc	0.113 lb/in³	Part A

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	83 - 87	83 - 87	
Tensile Strength at Break	3.45 - 41.4 MPa	500 - 6000 psi	
Flexural Strength	3.45 - 48.3 MPa	500 - 7000 psi	
Compressive Strength	62.1 - 89.6 MPa	9000 - 13000 psi	
Shear Strength	17.2 - 20.7 MPa	2500 - 3000 psi	Adhesive

Processing Properties	Metric	English	Comments
Pot Life	60 min	60 min	

Descriptive Properties	Value	Comments
Color	Dark Gray	
Parts by Weight (pbw)	1	Part B
	9	Part A

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