

Smooth-On PC-3®

Epoxy; Epoxide
Smooth-On, Inc

Message:

Smooth-On PC-3® Laboratory Table Top Cement is a two-component, black epoxy resin compound designed to join, bond and caulk sections of laboratory counters and tables. This epoxy resin cement is heavily filled and will adhere to vertical surfaces without sagging. It cures at room temperature with extremely low shrinkage. PC-3® contains no volatile organic compounds (VOC's) or solvents. It is chemically stable and bonds strongly to natural and artificial stones, most metals, glass, wood and to thermosetting resins such as polyester, phenolic and epoxy. PC-3® is available in pint units (2.5 lbs.) or quart units (5.0 lbs.) and is sold in case quantities only. A case of pints contains six units and a case of quarts contains 3 units.

General Information			
Filler / Reinforcement	Filler		
Features	Bondability		
	Good Adhesion		
	Low Shrinkage		
	Low VOC		
Uses	Bonding		
	Metal Bonding		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Specific Volume	0.723	cm ³ /g	
Viscosity	Paste		
Handle Time ¹	2.0	hr	
Mixing Ratio	1A:1B by volume or weight		
Tensile Shear Adhesion - to CR Steel	20.7	MPa	ASTM D1002
Molding Shrinkage - Flow	0.30	%	
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness ²	75		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	20.7	MPa	ASTM D638
Flexural Strength	34.5	MPa	ASTM D790
Compressive Strength	34.5	MPa	ASTM D695
NOTE			
1.	0.010 in/0.0254 cm film		
2.	After 24 hrs		

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Recommended distributors for this material

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