

INSULCAST® 101

Epoxy; Epoxide
ITW Polymers Coatings North America

Message:
INSULCAST 101 is an ambient temperature curing, two-component epoxy system with excellent chemical resistance to a broad range of environments such as acids, organic solvents and bases.

General Information		
Features	Acid Resistant	
	Base Resistant	
	Good Chemical Resistance	
	Solvent Resistant	
Hardness	Nominal Value	
Durometer Hardness (Shore D, 25°C)	80	
Thermoset	Nominal Value	Unit
Thermoset Components		
	Mix Ratio by Volume: 1.0	
Part A	Mix Ratio by Weight: 1.0	
	Mix Ratio by Volume: 0.94	
Part B	Mix Ratio by Weight: 1.0	
Additional Information	Nominal Value	Unit
Acid Resistance - 38% Sulfuric, 160°F, 14 days, Weight Gain	3.8	%
Uncured Properties	Nominal Value	Unit
Color		
-- ¹	Black	
-- ²	Colorless	
Density		
-- ³	1.30	g/cm ³
-- ⁴	1.39	g/cm ³
Viscosity		
25°C ⁵	5.0	Pa·s
25°C ⁶	10	Pa·s
25°C ⁷	16	Pa·s
Curing Time (25°C)	48 to 72	hr

Pot Life ⁸ (25°C)	45	min
NOTE		
1.	Part B	
2.	Part A	
3.	Part A	
4.	Part B	
5.	Part B	
6.	Mixed	
7.	Part A	
8.	100 gram mass	

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