

Clear Cote™ POLY-U-FOAM™ 2 lb Urethane Foam System

Polyurethane
Club Kit, Inc.

Message:

CLEAR COTE™ 2 lb. Urethane Foam System is a high quality Polyol-Isocyanate "foam in place" system with a free raise density of approximately 2 pounds per cubic foot. This system features a convenient easy to use 1 to 1, by volume mix ratio (100 parts A side to 94 parts B side by weight). Product rapidly expands to a rigid closed cell foam perfect for pre-installed pipeline insulation, thermal insulation, acoustic insulation, filling voids, and as sandwich panel core.

General Information			
Features	High Clarity		
	Medium Rigidity		
Uses	Insulation		
	Piping		
Physical	Nominal Value	Unit	
Water Absorption	3.04E-5	MPa	
K (wear) Factor	0.023	W/m/K	
Water Vapor Permeability ¹	1.72		
Mechanical	Nominal Value	Unit	Test Method
Flexural Strength			ASTM D790
-- ²	0.758	MPa	
-- ³	0.731	MPa	
Compressive Modulus			ASTM D1621
-- ⁴	5.02	MPa	
-- ⁵	7.14	MPa	
Compressive Strength			ASTM D1621
-- ⁶	0.228	MPa	
-- ⁷	0.278	MPa	
Shear Strength			ASTM C273
-- ⁸	0.234	MPa	
-- ⁹	0.255	MPa	
Thermoset	Nominal Value	Unit	
Thermoset Components			
Part A	Mix Ratio by Volume: 1.0		
Part B	Mix Ratio by Volume: 1.0		
Uncured Properties	Nominal Value	Unit	
Color			

-- 10	Amber	
-- 11	Brown	
Density		
-- 12	1.17	g/cm ³
-- 13	1.25	g/cm ³
Viscosity		
-- 14	0.30	Pa·s
-- 15	0.50	Pa·s
Tack Free Time	6.0	min

NOTE

1. ASTM C355
2. Perpendicular to Rise column
3. Parallel to Ride column
4. Perpendicular to Rise column
5. Parallel to Rise column
6. Perpendicular to Rise column
7. Parallel to Rise column
8. Perpendicular to Rise column
9. Parallel to Rise column
10. Part B
11. Part A
12. Part B
13. Part A
14. Part A
15. Part B

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