



QUIK-WORKS 4400

2.3 PCF Low GWP Rigid Pour Foam

QUIK-WORKS 4400 is a rigid pour foam designed to flow readily into insulated panels and parts. QW 4400 is a fire resistant, two component, HFO-blown polyurethane foam with excellent dimensional stability.

HIGH PRESSURE PROCESSING PARAMETERS

Properties obtained in controlled laboratory conditions at 77°F (25°C) unless otherwise stated. It is the responsibility of the end user to test products and determine end use suitability.

	QUIK-WORKS 4400 ISO (A)	QUIK-WORKS 4400 RESIN (B)
Specific Gravity	1.23	1.21
Viscosity, cps	200 - 300	700 - 900
Mix Ratio (Weight)	100	100
Mix Ratio (Volume)	100	100
Material Temperature (°F)	80	80
Mold Temperature (°F)		90 - 110

FREE RISE REACTIVITY/PHYSICAL PROPERTIES

	VALUES
Cream (sec)	40 - 60
Gel (sec)	150 - 200
Tack Free (sec)	500 - 800
Density (lbs/ft ³)	2.1 - 2.4

TYPICAL PHYSICAL PROPERTIES

		1-Day	7-Day	12-Day
Dimensional Stability, ASTM D-2126 (% Volume)	70°C, 100%RH	< 1	< 1	< 1
	70°C, 50%RH	< 1	< 1	< 1
	-40°C, 50% RH	< 1	< 1	< 1
Compression Strength, ASTM D-1621 @ 10% (psi)			32 (parallel) 30 (perpendicular)	
Molded Density (lbs/ft ³)			2.5 - 2.8	
K-Factor, ASTM C-518			0.16	
Closed Cell, ASTM D-2856 (%)			> 90	
Tensile Strength (psi, core)			54	

RECOMMENDED STORAGE AND SHELF LIFE

- Storage Temperature 65-85°F (18-29°C)
- 6 month shelf life (resin) 12 month shelf life (iso) from date of manufacture (unopened containers)
- Keep container tightly sealed
- Store out of direct sunlight, store in a cool dry place, avoid freezing

The information herein is believed to be reliable; however, unknown risks may be present. Typical properties should not to be construed as specifications. SWD Urethane makes no warranty, expressed or implied, concerning this product's merchantability or fitness for any particular use. The product will meet the written liquid component specifications as indicated on the technical data sheet published at the time of the purchase. The entirety of SWD Urethane's responsibility is limited only to the cost of the SWD material. The foregoing constitutes SWD Urethane's sole obligation with respect to damages, whether direct, incidental or consequential, resulting from the use or performance of the product. Safety is the responsibility of the owner. For more information consult the product SDS.

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