



Product Information

HP 8209 is a high density rigid polyurethane foam designed for processing through plural component dispensing equipment. Once fully cured, this material is tough with high compression and tensile value. HP 8209 exhibits very good surface characteristics and excellent moldability. This product is recommended for molding intricate decorative simulated wood furniture parts, moldings, picture frames and other decorative parts. This material is Eco Friendly due to its lack of HCFC's, HFC's, and lead or other heavy metals.

Physical Properties (Final Product)	Units	Test Method	Results
Free Rise Density	pcf	ASTM D-1622	9.0 - 10.0
Compressive Strength	psi	ASTM D-1621	130
Tensile Strength	psi	ASTM D-1623	245
Shear Strength	psi	ASTM D-273	125
Flexural Strength	psi	ASTM C-203	95
Closed Cell Content	%	ASTM D-2856	> 94

Handling Characteristics	Units	Component A	Component B
Mix Ratio by Volume	(A/B)	50	50
Mix Ratio by Weight	(A/B)	52	48
Specific Gravity @ 75°F	g/mL	1.21 - 1.23	1.08 - 1.10
Viscosity @ 75°F	cPs	150 - 250	500 - 700
Color	-	Amber	Opaque/Beige-ish
Cream Time @ 75°F	Seconds	70 - 80	
Gel Time @ 75°F	Seconds	170 - 180	
Rise Time	Seconds	270 - 180	
Tack Free Time	Seconds	280 - 300	
Demold Time	Minutes	10 - 45	
Final Cure Time	Hours	24	

Properties are typical and not for specifications

Storage and Shelf Life

Components should be kept well sealed in a dry place from 70 to 90°F. Shelf life of unopened containers is six (6) months from manufacturing date. Mix Component B well prior to each use. Purge opened containers with dry nitrogen before resealing. Refer to product SDS for more information.

Packaging

Component A:	55 gallon steel drum (closed top)	500 lb Net Weight
	275 gallon plastic totes	2500 lb Net Weight
Component B:	55 gallon steel drum (open top)	450 lb Net Weight
	275 gallon plastic totes	2250 lb Net Weight

For more information contact Etenco, Inc. (714) 480-1370 | info@etecoinc.com
www.etecoinc.com

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