



#### Product Information

HP 8630 is a High Performance, rigid polyurethane foam designed for processing through plural component, low or high pressure dispensing equipment. Once fully cured, this material is tough with high compression and tensile value. HP 8630 exhibits very good surface characteristics and excellent moldability. 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	29.0 - 31.0
Compressive Strength	psi	ASTM D-1621	200
Tensile Strength	psi	ASTM D-1623	250
Shear Strength	psi	ASTM D-273	-
Elongation	%	ASTM D-1623	3
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)	53	47
Specific Gravity @ 75°F	g/mL	1.21 - 1.23	1.12 - 1.14
Viscosity @ 75°F	cPs	150 - 250	2000 - 2300
Color	-	Amber	Amber
Cream Time @ 75°F	Seconds	65 - 80	
Gel Time @ 75°F	Seconds	180 - 210	
Rise Time	Seconds	200 - 220	
Tack Free Time	Seconds	240 - 260	
Demold Time	Minutes	20 - 40	
Final Cure Time	Hours	72	

\*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

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