



Product Information

HP 8602-1 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 8602-1 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	2.2 - 2.4
Compressive Strength	psi	ASTM D-1621	20 - 25
Tensile Strength	psi	ASTM D-1623	30 - 35
Shear Strength	psi	ASTM D-273	30 - 35
Flexural Strength	psi	ASTM C-203	-
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	1.15 - 1.17
Viscosity @ 75°F	cPs	150 - 250	800 - 900
Color	-	Amber	Amber
Cream Time @ 75°F	Seconds	55 - 65	
Gel Time @ 75°F	Seconds	320 - 350	
Rise Time	Seconds	400 - 450	
Tack Free Time	Minutes	15 - 20	
Demold Time	Minutes	N/A	
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	5 gallon plastic pail	38 lbs Net Weight
Component A:	55 gallon steel drum (closed top)	500 lb Net Weight
	275 gallon plastic totes	2500 lb Net Weight
	5 gallon plastic pail	38 lbs 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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