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PF 8809

Product Information

PF 8809 is a two component polyester flexible high Ross grade polyurethane foam designed for processing through plural component, low-pressure dispensing equipment. This material produces tough skinned microcellular core product. It is used in applications such as Automotive, Prosthetics etc…where production details are important.

Physical Properties (Components)

	Component A	Component B	Reacted
Viscocity at 75°F (cps)	1100 - 1350	2600 - 3100	N/A
Specific Gravity (gr/ml)	1.20	1.12	1.15

Physical Properties (Final Product)

Density (molded) ASTM D-1622	30 pcf
(free rise) ASTM D-1622	9 pcf
Shore Hardness ASTM D-2240	48 A
Tensile Strength (psi), ASTM D-412	780
Elongation (%), ASTM D-412	625
Tear Strength (pli), ASTM D-624	>135 pli
Ross Flex (100% cut growth)	1000 cycles

Handling Characteristics

Mix Ratio by Weight (A:B):	46.5 / 53.3
Cream Time	18 - 25 sec
Rise Time	90 -140 sec
Tack Free Time	130 -180 sec
Mold Temperature	110 -130 F
Demold Time (minutes)	7-10
Final Cure Time (hours)	24

Storage and Shelf Life

Components A and B should be kept well sealed in a dry place at a temperature between 65 and 90°F. Shelf life of unopened containers is six (6) months from manufacturing date. Purge opened containers with dry nitrogen before resealing. Refer to product MSDS for more information.

Packaging

Component A:	55 gallon steel drum (closed top)	500 lb Net Weight
	275 gallons plastic bins	2500 lb Net Weight
Component B:	55 gallon steel drum (open top)	450 lb Net Weight
	275 gallons plastic bins	2300 lb Net Weight