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PF 8820

Product Information

PF 8820 is a two-component polyester polyurethane foam designed for processing through plural component, low-pressure dispensing equipment. This material produces tough skinned microcellular core product.

Physical Properties (Components)

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

Physical Properties (Final Product)

Density (molded) ASTM D-1622	20
(free rise) ASTM D-1622	12
Shore Hardness ASTM D-2240	40 A
Tensile Strength (psi), ASTM D-412	620
Elongation (%), ASTM D-412	585
Tear Strength (pli), ASTM D-624	135

Handling Characteristics

Mix Ratio by Weight (A:B):	47/53
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 gallons steel drum (closed top)	500 lb Net Weight
	275 gallons plastic bins	2500 lb Net Weight
Component B:	55 gallons steel drum (open top)	450 lb Net Weight
	275 gallons plastic bins	2250 lb Net Weight

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