

HP 8203

Product Information

HP 8203 is a low density rigid polyurethane molding foam system designed for processing through plural component dispensing equipment. This material is Eco Friendly and considered "Green" because it contains no HCFC's or HFC's. HP 8203 meets RoHS requirements and contains no lead or heavy metals. HP 8203 is used in a variety of applications including Pipe shells, tank and vessel coverings and other shapes for a variety of applications.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	160 - 220	500 - 700
Specific Gravity (gr/ml)	1.22 - 1.23	1.08 - 1.10

Physical Properties (Final Product)

Free Rise Density (pcf)	2.8 – 3.2
Compressive Strength ASTM D-1621	45 - 50 psi
Tensile Strength ASTM D-1623	< 50 psi
Shear Strength ASTM D-273	35 – 40 psi

Handling Characteristics

Mix Ratio by Weight (Component A/ Component B)	52 / 48
Mix Ratio by Volume (Component A/ Component B)	50 / 50
Cream Time (at 75°F), (seconds)	45 - 60
Rise Time (seconds)	165 - 185
Tack Free Time (seconds)	180 - 270
Demold Time (minutes)	10 - 30

Storage and Shelf Life

Components A and B should be kept well sealed in a dry place at a temperature between 55 and 90°F. Shelf life of unopened containers is 6 (six) months from a manufacturing date. Purge opened containers with dry nitrogen before resealing.

Refer to SDS of the product for more information.

Packaging

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

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