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HP 8212

Product Information

HP 8212 is a Medium density rigid polyurethane molding foam system designed for processing through plural component dispensing equipment. This material is Eco Friendly due to no HCFC`s or HFC`s. This product is recommended for molding intricate decorative simulated wood furniture parts, moldings, picture frames and other decorative parts. HP 8212 easily accepts paints and stains.

Physical Properties (Components)

	Component A	Component B
Viscocity at 75°F (cps)	160 - 220	500 - 700
Specific Gravity (gr/ml)	1.21 - 1.23	1.07 - 1.09

Physical Properties (Final Product)

Free Rise Density (pcf)	11.5 – 12.5
Compressive Strength ASTM D-1621	150 psi
Tensile Strength ASTM D-1623	86 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)	90 - 120
Tack Free Time (seconds)	90 - 120
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 MSDS 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 gallons steel drum (closed top)	450 lb Net Weight
	275 gallons plastic totes	2250 lb Net Weight

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