

## HPP 50-5 Yellow

### Product Information

**HPP 50-5 Yellow** is low density, high performance rigid polyurethane molding foam system designed for processing through plural component dispensing equipment. Once fully cured, this material is tough, with excellent physical properties. **HPP 50-5 Yellow** is designed for use in applications where tough skin is required and excellent mechanical properties strength. This product is recommended for molding intricate decorative simulated wood furniture parts, moldings, picture frames and other decorative parts.

Physical Properties (Components)	Component A	Component B
Viscosity at 75°F (cps)	160 - 220	500 - 700
Specific Gravity (gr/ml)	1.22 - 1.23	1.07 - 1.09

### Physical Properties (Final Product)

Free Rise Density (pcf)	4.8 – 5.2
Compressive Strength ASTM D-1621	103 psi
Shear Strength ASTM D-273	85 psi

### Handling Characteristics

Mix Ratio by Weight (Component A/ Component B)	46 / 54
Cream Time (at 75°F), (seconds)	40 - 50
Gel Time (seconds)	90 - 110
Rise Time (seconds)	130 - 140
Tack Free Time (seconds)	130 - 150
Demold Time (minutes)	15 - 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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