

Durathane CM 70A

Urethane RT 70A is Polyurethane casting System are specially formulated. The material easy to process at room temperature.

It consists of two components, A and B, part A is polyols, and B is prepolymerended capping with isocyanate.

Mixing ratio A : B as 120:100 for ease of handling

Characteristics : It has excellent processing properties, solidification in common temperature, short time of demould, and regulating colors by adding pigment. The ware has good properties of abrasive resistance, waterproof, transparent, good elastic, and stable dimension.

Application : Substitution of silicone rubber makes mold for “cultural stone”. It also applies to electrical equipment pottings, rubber rollers, rubber plates, rubber wheels, shoe models and other wares.

Storage : Store in a cool and dry place. If you can't use it up at a time, filling nitrogen gas and then sealing it, or it will easily absorb moisture and go bad. The storage time of original packing is 6 months.

Packing : 20 kgs/ pail

A Component	Type	Durathane CM 70A Part A
	Appearance	Light Yellow Liquid
	Viscosity mPa.s/30	1600 ± 200
B Component	Type	Duracure CM 70A Part B
	Appearance	Colorless or light yellow transparent liquid
	Viscosity mPa.s/30	500 ± 200
A : B (Weight Proportion)		A 120 : B 100
Operation Temperature (°C)		25 - 40°C
Gel time (min/35°C)		25 – 30 min (Variable)
Demold Time (min/35°C)		24 hrs.

Performance of Finished Product

Appearance	Light Yellow Elastomer
Hardness (Shore A)	70 ± 5 Shore A
Tensile Strength (Mpa)	8 – 10 Mpa
Elongation at Break (%)	500 – 700
Tear Strength (KN/m)	23 – 30
Rebound(%)	50 - 60
Specific Gravity	1.07