

Metal Casting Silicone Rubber

There are specially designed silicone rubber for low temperature melting alloy metal casting and plastic polymer casting.

FEATURES

- High Mechanical Property
- High Heat Resistant
- Low Shrinkage
- High Elongation
- Produced comply with FDA Reg. 21CFR, 177.2600

APPLICATIONS

- Alloy Casting
- Art Accessory Casting
- Ring Casting
- Other Casting

PROPERTIES

Catalyst : HC-8 / 1.8phr (171°C×10min / 200°C×4hrs)

Typical Properties	Test Method	MC-50	MC-60	MC-70
Color	ASTM E 1716	Translucent		
Specific Gravity	ASTM D 792	1.15	1.17	1.19
Hardness	ASTM D 2240	50	60	70
Tensile Strength (MPa)	ASTM D 412	100	100	90
Elongation (%)	ASTM D 412	550	400	250
Tear Strength (kgf/cm)	ASTM D 624 "B"	38	38	40
	ASTM D 624 "C"	37	37	38