

Roll Covering Silicone Rubber

HR-785/60, 70 and 80 are specially designed for roll covering purpose.

FEATURES

- High temperature resistance.
- Low compression set.
- High releasing properties.
- Less electro static properties.

APPLICATIONS

- Industrial roll covering.
- Industrial packing, gasket, bushings.
- O-ring. Seals.

PROPERTIES

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

Typical Properties	Test Method	HR-785/60	HR-785/70	HR-785/80
Color	ASTM E 1716	Beige		
William's plasticity	ASTM D 926	200 ~ 250	250 ~ 300	260 ~ 320
Specific Gravity	ASTM D 792	1.21	1.26	1.34
Hardness	ASTM D 2240	60	70	80
Tensile Strength (MPa)	ASTM D 412	8.5	9	8.5
Elongation (%)	ASTM D 412	300	200	150
Tear Strength (kgf/cm)	ASTM D 624 "B"	11	13	11
	ASTM D 624 "C"	20	25	20
Compression set (%) ^{*1}	ASTM D 395	20	16	15
Linear shrinkage (%)	JIS K 6249	3.4	3.5	2.8

*1. Compression Set : 177°C×22hrs