

High Transparent Silicone Rubber

There are highly transparent and mechanically strong Silicone rubbers
There are various processing method (extruding, molding)

FEATURES

- High super transparency.
- High tear strength.
- Hardness from 30 ~ 70
- All ingredients selected comply with FDA Reg. 21 CFR, 177.2600.



APPLICATIONS

- Baby Nipples
- Medical tubing.
- Food contact articles
- High tear strength articles.

PROPERTIES

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

Typical Properties	Test Method	HR-2130	HR-2140	HR-2150	HR-2160	HR-2170
Colors	ASTM E 1767	Transparent				
William's plasticity	ADTM D 926	170	190	210	220	240
Specific gravity	ASTM D 792	1.09	1.10	1.14	1.16	1.18
Hardness	ASTM D2240	30	40	50	60	70
Tensile strength (MPa)	ASTM D412	8.5	10	11	11	11
Elongation (%)	ASTM D412	700	650	550	500	350
Tear strength (kgf/cm)	ASTM D624 "B"	20	25	25	20	15
	ASTM D624 "C"	34	37	40	42	40
Linear shrinkage (%)	JIS K 6249	4.3	4.2	4	4	3.8