TECHNICAL INFORMATION

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

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

PROPERTIES		<u>Catalyst : HC-8 / 1.8phr (171℃×10min / 200℃×4hrs)</u>				
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

| The information and data contained herein are based on information we believe reliable. You should thoroughly test any application, and independently conclude satisfactory performance before commercialization. Suggestions of uses should not be taken as inducements to infringe any particular patent.



