

Low Hardness & High Elastic Silicone Rubber

HR-1921U(T) is specially designed low hardness and high elastic silicone rubber for specific applications.

■ FEATURES

- Low shore A hardness and excellent elastic properties
- Excellent molding & injection processability.
- Good heat stability.
- Produced comply with FDA Reg. 21CFR, 177.2600

■ APPLICATIONS

- O/A Rolls (Low hardness) replace RTV.
- Automotive connector sealing parts (protect humidity, water, dust ...)
- Zebra connectors
- Soft packings & caps

PROPERTIES

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

Typical Properties	Test Methods	HR-1921U(T)
Colors	ASTM E 1767	Translucent
William's plasticity	ADTM D 926	135
Specific gravity	ASTM D 792	1.04
Hardness	ASTM D 2240	20
Tensile Strength (MPa)	ASTM D 412	5.5
Elongation (%)	ASTM D 412	600
Tear strength (kgf/cm)	ASTM D 624 "B"	8
	ASTM D 624 "C"	10
Rebound resilience (%)	ASTM D 1054	60
Compression set (%) ^{*1}	ASTM D 395	< 25
Linear shrinkage (%)	JIS K 6249	4.3