

Molded Silicone Rubber for Medical use



Safe and Clean Solution for Medical-Grade Silicone Molding

Biocompatibility Test	
Test	Results
Cytotoxicity test (ISO10993-5)	PASS
US Pharmacopeia Class VI	PASS

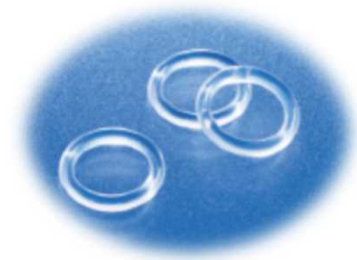
Biologics Information	
Material	Contained Y / N
Genetically modified organism	N
Plant-derived materials	N
Animal-derived materials	N
Natural rubber/Latex	N

Additives and Impurities	
Material	Contained Y / N
Phthalates	N
Residual solvent Class 1 - 3	N

Production

Mass-producing silicone rubber moldings using LIM in our own clean room in Japan

※LIM・・・Liquid Injection Molding



Feature of LIM

- **Reduction of foreign material contamination rate**
Injection molding reduces foreign matter contamination rate
- **Improvement of product dimensional accuracy**
Capable of producing precise parts with high dimensional accuracy
- **Capable of molding complex and fine shapes.**
Capable of microfabrication and thin film (0.1 mm or less) forming
- **Automation of molding enables mass production**
Without burrs or the need for runners, continuous molding is possible
- **Shortens molding cycle time**
High curing speed and short molding time enable mass production



— < Contact > —



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Founded: 1901

Sales: \$281 million US dollar (2023 March, consolidated)

ISO certified: 9001, 14001, 13485