

**LIQUID SILICONE RUBBER COMPOSITION AND METHOD FOR
MANUFACTURE AND METHOD FOR MANUFACTURING
FOAMED SILICONE RUBBER**

ABSTRACT

A liquid silicone rubber composition that is easy to work with in mixing and that upon curing becomes a foamed silicone rubber with a low specific gravity and low thermal conductivity, a method for manufacturing this composition, and a method for manufacturing a foamed silicone rubber. The liquid silicone rubber composition comprises a liquid silicone rubber base compound produced by mixing (A) a liquid diorganopolysiloxane and an optional inorganic filler with (B) a thermoplastic resin hollow-particle powder that expands when heated and performing a heat treatment at a temperature sufficient to cause expansion of component B and adding to the base compound (C) a curing agent in an amount sufficient to cure the liquid diorganopolysiloxane.