

Silicone grade HTSI60 RH6



HIGHEST TEMPERATURE GRADE SILICONE RUBBER

This grade offers well balanced mechanical properties and good hot air resistance. The addition of special (heat) stabilizer allows an operating temperature of up to 300°C and improves the compression set and oil resistance.

TECHNICAL DATA

Hardness : 60±5° Shore A
S.G : 1,165

MECHANICAL PROPERTIES

Temperature Range : -60°C to 300°C
Elongation at break : 520%
Tensile strength : 10,1 MPa
Tear strength : 25,7 N/mm
Compression set : 22,5%

SPECIFICATIONS

Contain only ingredients that are listed by the American Food and Drugs Administration (FDA) under the 21 CFR number 177-2600 & BGA XV Silicones regulations

ENVIRONMENTAL RESISTANCE

Silicone rubber products have an excellent resistance to ozone, oxidation, ultraviolet light, corona discharge, cosmic radiation, ionising radiation and weathering in general.