



# PLATINUM CURED SILICONE DATA SHEET

## Properties and Characteristics:

Appearance	Translucent
Availability	AMR
Density g/cm <sup>3</sup>	1.22 g/cm
Durometer Hardness	70.0 Shore A
Elongation %	580.0%
Hardness/ Durometer Shore A	74.0 Shore A
High Tear	Yes
Modulus psi	530.0 psi
Tear Strength B ppi (N/mm)	325 ppi (N/mm)
Tensile Strength psi (Mpa)	1340 psi (Mpa)

## Regulatory Compliance:

### FDA

CFR 177.2600 - FDA indirect food contact - Rubber articles intended for repeated use - FDA Reg 21CFR177.2600

### USP Class VI

CLASS VI - USP Class VI equivalent test were tested according to USP Class VI methods: Intramuscular implantation, intracutaneous injection, and systemic injection.

## Compliance Testing

**TESTING** - All of the aforementioned test results are based on single lots of material. Although lot-to-lot variance would not be expected to show different test results, this data should not be construed as a warranty of fitness for

\*The preceding data gives the typical properties of the selected FKM material. These are typical properties and should not be used for specification purposes. This information is based on our experience to date and we believe it to be reliable. It is intended to be used only as a guide at your discretion and risk. Flow Smart cannot guarantee favorable results and assumes no liability in connection with the use of this product. None of this information is to be taken as a license to operate under, or a recommendation to infringe any patents.