

Liveo™ Class VI Elastomers C6-550

LSR

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Silicone

DuPont Electronics & Industrial

Technical Data

Product Description

Liquid Silicone Rubber for device and component fabrication in the healthcare industry

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Medical/Healthcare Applications		
RoHS Compliance	• Contact Manufacturer		

Physical	Nominal Value Unit	Test Method
Density	1.14 g/cm ³	ISO 1183
Molding Shrinkage - Flow	2.0 %	ISO 294-4

Elastomers	Nominal Value Unit	Test Method
Tensile Stress (200% Strain)	3.20 MPa	ASTM D412
Tensile Elongation (Break)	> 300 %	ASTM D412
Tear Strength ²	45.0 kN/m	ASTM D624

Hardness	Nominal Value Unit	Test Method
Durometer Hardness (Shore A)	52	ASTM D2240

Thermal	Nominal Value Unit
Service Temperature - Maximum	205 °C

Thermoset	Nominal Value Unit
Shelf Life	78 wk

Additional Information	Nominal Value Unit
Cure Temperature - No Post-Cure	150 °C
Cure Time	5.0 min

Notes

¹ Typical properties: these are not to be construed as specifications.

² Die B

