



## S70-R159

This TDS describes a Silicone rubber compound with good mechanical and chemical resistance developed for the production of sealing elements

This compound is suitable for high and low temperature application in food and pharmaceutical industry

**HD SLIPPERS SRL certify that S70-R159 meets the following approvals**

- FDA nr.862-B/2019 del 06/02/2020 issued by the institute CERISIE

**HD SLIPPERS SRL**  
legal representative





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PROPERTY	METHOD	UNITS	VALUE
Color			Red
Specific gravity	ASTM D 1817	g/cm <sup>3</sup>	1,33
Hardness	ASTM D 2240	ShA	75±3
Tensile strength	ASTM D 412	MPa	6
Elongation	ASTM D 412	%	212
Tear strength	ASTM D 624	N/mm	10
Service temperature (min-max)	/	°C	-60/+200
Compression set 22 hrs at 175 °C	ASTM D 395	%	15

### CHANGES OF PROPERTY AFTER AGEING IN FLUIDS

Medium	Time	Temp	Norm	Volume	Hardness	Tensile Strength	Elongation
/	hrs	°C	/	Δ %	Δ ShA	Δ %	Δ %
Air	70	225	ASTM D 573	-	+8	-25	-30
ASTM Oil n° 1	70	150	ASTM D 471	+8	-10	-20	-19
ASTM Oil n° 3	70	150	ASTM D 471	+55	-	-	-
Distilled water	70	100	ASTM D 471	+4	-3	-	-

The data and information contained in this note, while being the result of many years of experience, are only indicative. The company HD Slippers S.r.l. will not be responsible neither for the impact of use of such data, nor for any conflict with existing patents.

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