



**THE DOW CHEMICAL COMPANY  
SALES SPECIFICATION**

**Date Printed:** 2022-01-05

**Effective Date:** 2020-07-31

**Supersedes Date:** 2020-05-29

**Name:** DOWSIL™ 890-SL Silicone Joint Sealant

**Specification Number:** 000000851178

Shelf Life				
Container Type	Conditions of Handling	Conditions of Storage	Shelf Life	Deterioration Characteristics
All Approved Packaging		Store BELOW 32C/90F	360 Days	

Final Testing Requirements				
Test and Test Condition	Limit	Unit	Method	Note
Appearance, homogeneous mixture, smooth, non-grainy	Pass		CTM0176	
Skin Over Time	60 Max	min	CTM0098	
Tack free time	300 Max	min	CTM0095	
Extrusion rate	275 — 550	g/min	CTM0364	
Specific Gravity, RT/50% RH	1.260 — 1.340		CTM0097	
Non Volatile Content, 5g/150C/2h/Al Cup	96.0 — 99.0	%	CTM0208	
Modulus 150%, 21d/RT	2 — 20	psi	CTM0137A	
Elongation, >1400%, 21d/RT	Pass		CTM0137A	
TA - Modulus 50% - conc/conc, 21d/RT	7.0 Max	psi	CTM1028	
TA - Modulus 100% - conc/conc, 21d/RT	8.0 Max	psi	CTM1028	
TA - Modulus 150% - conc/conc, 21d/RT	9.0 Max	psi	CTM1028	
TA - Elongation - conc/conc, 21d/RT	600 Min	%	CTM0950	

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**External Notes**

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- 1 Dow Chemical warrants that the above designated material conforms to the listed sales specifications even though there may be no value reported.

Test Item	Limits
Modulus 150% (21d/RT)	2 - 20 psi
Elongation, 1400 % (21d/RT)	Pass
TA Modulus 50% - Concrete/Concrete (21d/RT)	< = 7.0 psi
TA Modulus 1000% - Concrete/Concrete (21d/RT)	< = 8.0 psi
TA Modulus 150% - Concrete/Concrete (21d/RT)	< = 9.0 psi
TA Elongation - Concrete/Concrete (21d/RT)	> = 600 %

READ PRECAUTIONARY INFORMATION AND MATERIAL SAFETY SHEETS. THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.