



**THE DOW CHEMICAL COMPANY  
SALES SPECIFICATION**

**Date Printed:** 2022-02-10

**Effective Date:** 2019-06-20

**Supersedes Date:** 2019-03-13

**Name:** DOWSIL™ 791 Weatherproofing Sealant Black

**Specification Number:** 000000863399

Shelf Life				
Container Type	Conditions of Handling	Conditions of Storage	Shelf Life	Deterioration Characteristics
All Approved Packaging	Refrigerate > 7 days	Store BELOW 30C/86F	360 Days	

Final Testing Requirements				
Test and Test Condition	Limit	Unit	Method	Note
Appearance, smooth, free of gels	Pass		CTM0176	
Tack free time	15 — 65	min	CTM0095	
Extrusion rate, 6.2kg/cm2 @ 20C	165 — 315	g/min	CTM0364	
Flow	2.5 Max	mm	CTM0062	
Specific Gravity, RT/50% RH	1.460 — 1.550		CTM0097	
Color, compare to reference	Pass		CTM0040	
Durometer, 7d/RT <b>Test Frequency:</b>	20 — 40 every 10th lot	ShoreA	CTM0099	
Modulus 100%, 7d/RT <b>Test Frequency:</b>	0.25 — 0.50 every 10th lot	MPa	CTM0137A	
Tensile, 7d/RT <b>Test Frequency:</b>	1.00 — 2.50 every 10th lot	MPa	CTM0137A	
Elongation, 7d/RT <b>Test Frequency:</b>	450 — 1000 every 10th lot	%	CTM0137A	

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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
Color (compare to reference)	Pass
Durometer (7d/RT)	20 - 40 Shore A
Modulus 100% (7d/RT)	0.25 - 0.50 MPa
Tensile (7d/RT)	1.00 - 2.50 MPa
Elongation (7d/RT)	450 - 1000 %

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