



DuPont de Nemours, Inc.  
SALES SPECIFICATION

Date Printed: 2021-02-10

Effective Date: 2019-07-22

Supersedes Date: 2016-07-13

Name: POLYOX™ WSR 301

Specification Number: 000000085378

Previous Specified Material: 00126130

**Final Testing Requirements**

Test and Test Condition	Limit	Unit	Method	Note
Viscosity, 1% aqueous solution	1650 — 5500	cP	DOWM 101962	
pH at 25degC, 1% aqueous solution	8.0 — 10.0		DOWM 102175	
Particle Size, THRU 10 MESH, < 2000 MICRON	100 Min	%	DOWM 102261	
Particle Size, Thru 20 mesh, < 841 micron	95 Min	%	DOWM 102261	
Particle Size, THRU 60 MESH, < 250 MICRON	60 — 85	%	DOWM 102261	
Particle Size, THRU 100 MESH, < 149 MICRON	30 — 75	%	DOWM 102261	
Particle Size, THRU 200 MESH, < 74 MICRON	35 Max	%	DOWM 102261	
Particle Size, THRU 325 MESH, < 44 MICRON	25 Max	%	DOWM 102261	
Loss on Drying	0.0 — 1.0	WT%	DOWM 102188	
Alk. Earth Metals	0.0 — 1.0	WT%	DOWM 102225	

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Silicon Dioxide	0.8 — 3.0	WT%	DOWM 101992	
BHT	100 — 1000	ppm wt	DOWM 102192	

**General Notes**

- 1 Alkaline earth metals as CaO. Volatiles - 45 min at 105C. Viscosity - Brookfield RVF, spindle 2, speed 2rpm, 25 deg C.

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