

PSL Rheotek Kinematic Viscosity Standards

**ASTM D2162, ASTM D445-IP71, ASTM D446, ISO 3104,
ISO 3105, BS188, ISO/IEC 17025**

PSL Rheotek Viscosity Reference Standards are suitable for the verification and calibration of glass capillary viscometers in accordance with the above methods.

Certified Ranges

PSL Rheotek kinematic viscosity reference materials N.4 to S30,000 are calibrated over the range 20°C to 100°C (68°F to 212°F).

PSL Rheotek low temperature kinematic viscosity reference materials are calibrated at -20°C and -40°C (-4°F and -40°F).

PSL Rheotek high viscosity reference materials S62000 to S130000 are calibrated at 40°C to 100°C (104°F to 212°F).

Bottle Sizes

PSL Rheotek Viscosity Reference Standards are supplied in 500ml sturdy glass bottles, with laminated label listing certified values. Certificate of calibration and Material Safety Data Sheet also included.



- **Glass capillary viscometers (direct & reverse flow)**
- **Automated/Automatic viscometers**
- **Direct traceability to international standards**
- **ISO 17025 certificates of calibration**

Accredited to
ISO/IEC 17025



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The **PSL Rheotek** range of instruments are manufactured in the United Kingdom by Poulten Selfe and Lee Ltd.

Poulten, Selfe & Lee Ltd. (PSL) was established in 1850. For more than 60 years the company has been specialising in viscosity measurement. PSL's high precision glass capillary viscometers are used worldwide for manual and automated viscosity measurement.

Worldwide, instruments are sold and serviced by a network of **PSL Rheotek** offices and authorised sales agents.

Worldwide Sales:
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USA Sales:
Tel.: 574 271 7020

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Burnham Business Park
Burnham-on-Crouch
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PSL Kinematic Viscosity Certified Reference Materials (mm²/s, cSt)

Part Reference	Viscosity Standard	20°C	25°C	40°C	50°C	100.00°C
		68.00 °F	77.00 °F	104.00 °F	122.00 °F	212.00 °F
2700-V01	N4	0.47	0.45	0.40		
2700-V02	N8	1	0.98	0.75		
2700-V03	N1.0	1.3	1.2	0.97		
2700-V03A	N2	2.9	2.6	2	1.7	
2700-V04	S3	5	4.4	2.9	2.6	1.3
2700-V05	S6	11	8.9	5.7	4.6	1.9
2700-V06	N10	21	17	10	7.5	2.7
2700-V07	S20	47	37	18	13	4
2700-V08	N35	95	72	32	23	5.8
2700-V09	S60	160	120	54	35	7.7
2700-V09A	N75	197	151	75	49	11
2700-V10	N100	320	230	97	59	11
2700-V10A	N140	400	300	140	90	18
2700-V11	S200	660	460	180	110	17
2700-V11A	N230	860	600	230	145	21
2700-V11B	N250	795	581	250	157	28
2700-V12	N350	1400	920	310	180	24
2700-V12A	N415	1900	1240	415	240	34
2700-V13	S600	2400	1600	520	290	35
2700-V13A	N730	3390	2260	730	410	49
2700-V13B	N750	2837	1980	750	440	60
2700-V14	N1000	4800	3100	940	520	55
2700-V14A	N1300	6760	4365	1320	730	77
2700-V14B	N1400	5826	3963	1416	782	90
2700-V15	S2000	8600	5600	1700	880	81
2700-V16	N4000	18000	11000	3400	1700	130
2700-V17	S8000	35000	22000	6700	3200	220
2700-V18	N15000	65000	41000	13000	5800	370
2700-V18A	N18000	103000	64000	18000	8500	500

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High Viscosity					
Certified Reference Materials (mm ² /s, cSt)					
Part Reference	Viscosity Standard	40°C	50°C	80°C	100°C
		104.00°F	122.00°F	176.00°F	212.00°F
2700-H01	N62000	55000	25000	4000	1500
2700-H02	S130000	150000	75000	15000	4000
2700-H03	N190000				5000

Low Temp. Viscosity			
Certified Reference Materials (mm ² /s, cSt)			
Part Reference	Viscosity Standard	- 20°C	- 40°C
		- 4.00°F	- 40.00°F
2700-L01H ^H	N2B	8	
2700-L02H ^H	JV-4	4	8

^H Hazardous for shipping purposes