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

UKAS CALIBRATION
0247

Version: 012015

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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:
T. +44 1621 787 100

USA Sales:
Tel.: 574 271 7020

Poulten, Selfe & Lee Ltd
Russell House
Burnham Business Park
Burnham-on-Crouch
Essex CM0 8TE
United Kingdom

sales@psl-rheotek.com

PSL Kinematic Viscosity Certified Reference Materials (mm^2/s, cSt)

Part Reference	Viscosity Standard	20°C / 68.00 °F	25°C / 77.00 °F	40°C / 104.00 °F	50°C / 122.00 °F	100.00°C / 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 (mm²/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 (mm²/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*			

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