



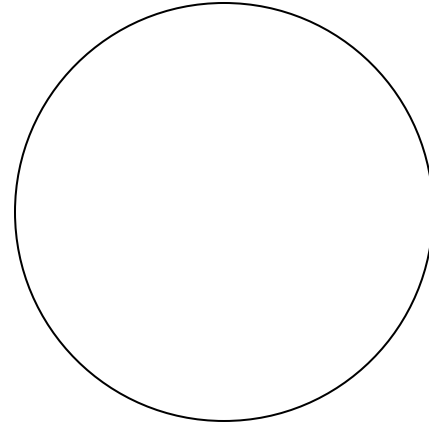
# Shamir

## Single Vision Spherical

Polycarbonate 1.586

Poly Plus Clear

Hard Coated



Index Nd	1.586
Abbe Value Nd	30.0
Density gr/cm <sup>3</sup>	1.20

### Blank Specifications

Nominal Base	True Base 1.530	Base Radius [mm]	Sag 50mm*	Concave Curve	CT [mm]	ET [mm]	Diameter	Power Range
0.50	0.52	1019.23	0.31	2.00	10.0	12.3	80	-11.25 to -7.25
2.00	1.98	267.68	1.17	2.00	11.0	11.0	80	-7.00 to -4.50
3.00	2.99	177.26	1.77	3.00	9.5	9.5	80	-4.25 to -2.50
4.00	4.01	132.17	2.39	5.50	9.0	11.5	80	-2.25 to +1.25
5.25	5.23	101.34	3.13	5.50	7.5	7.9	80	+1.50 to +3.00
6.25	6.28	84.40	3.79	5.50	11.0	9.7	80	+3.25 to +4.00
7.50	7.51	70.57	4.58	7.50	11.0	11.0	80	+4.25 to +5.00
8.50	8.50	62.35	5.23	7.50	11.0	8.9	80	+5.25 to +7.00
9.50	9.48	55.91	5.90	7.50	11.0	6.5	80	+7.25 to +9.00

**Prescription Range - Sphere: -11.25 [D] to +9.00[D] Cylinder: up to -6.00[D]**

**Minimum center for surfacing 1.2mm**