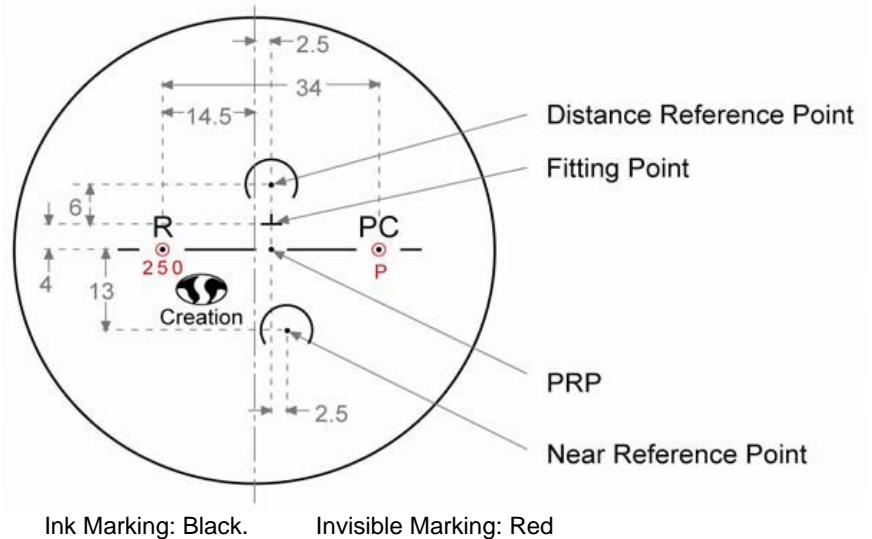


# Polycarbonate 1.586

## Clear Titan HC and NP

### Material Data:

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



Minimum Fitting Height: 19mm	PRP Decentration: 2.5mm	Fitting Point: 4mm above PRP
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**\* Do not sag! Use printed sag values for power calculations only.  
Minimum Center Thickness for Surfacing 1.2mm**

### Blank Specifications

Nominal Base	True Base 1.530	Base Radius [mm]	Sag 50mm*	Concave Curve	CT [mm]	ET [mm]	Diameter	Add Powers
1.75	1.71	309.94	1.01	2.00	11.0	11.4	80/85	1.00 – 3.50
3.00	2.97	178.45	1.76	3.00	9.5	9.5	80/85	1.00 – 3.50
4.50	4.51	117.52	2.69	5.50	9.0	10.7	80/85	1.00 – 3.50
5.50	5.45	97.25	3.27	5.50	7.5	7.5	80/85	1.00 – 3.50
6.50	6.48	81.79	3.91	5.50	11.0	9.2	80/85	1.00 – 3.50
7.50	7.45	71.14	4.54	7.50	11.0	11.0	80/85	1.00 – 3.50

**Prescription Range - Sphere: -12.00[D] to +7.50[D] Cylinder: up to -6.00[D]**

Nominal Base	Power Range
1.50	-12.00 to -4.50
3.00	-4.25 to -0.50
4.50	-0.25 to +1.75
5.50	+2.00 to +3.25
6.50	+3.50 to +4.75
7.50	+5.00 to +7.50