

## Properties

### S1500(Type G)

PC/ABS resin (UL94 HB)

Heat resistance

Properties	Test methods	Test conditions	Units	
Mold shrinkage	ASTM D955	-	%	0.4-0.6
Tensile strength	ISO 527	-	MPa	55
Flexural strength	ISO 178	-	MPa	87
Flexural modulus	ISO 178	-	MPa	2300
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m2	60
Deflection temperature under load	ISO 75	1.80MPa	deg C	110
Flammability	UL94	-	-	HB
Density	ISO 1183	-	g/cm3	1.14

Note

- Values are typical, not quality assured.
- UL recognition File No. of Daicel Polymer is E47773.

### Typical settings for processing

Preliminary drying	Barrel temperature(deg C)				Screw rotation (rpm)	Back pressure (MPa)	Mold temperature (deg C)
	Nozzle	Front	Middle	Back			
4-5hrs 90-110deg C	230-260	240-260	230-250	210-240	50-100	5-20	60-80