

Properties

T500, T500SF

ABS resin (UL94 HB)

Transparence

Properties	Test methods	Test conditions	Units	
Melt mass-flow rate	ISO 1133	220 deg C/10kg	g/10min	25
Mold shrinkage	ASTM D955	-	%	0.4-0.6
Tensile strength	ISO 527	-	MPa	42
Flexural strength	ISO 178	-	MPa	63
Flexural modulus	ISO 178	-	MPa	2000
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m2	14
Deflection temperature under load	ISO 75	1.80MPa	deg C	68
Flammability	UL94	-	-	HB
Light transmission	ASTM D1003	3.0mm	%	89
Density	ISO 1183	-	g/cm3	1.09

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			
3-5hrs 80-85deg C	210-230	210-230	190-210	170-190	70-90	10-20	40-60