

Properties

T550, T550SF

ABS resin

Transparence

Properties	Test methods	Test conditions	Units	
Melt mass-flow rate	ISO 1133	220 deg C/10kg	g/10min	28
Mold shrinkage	Daicel method	-	%	0.4-0.6
Tensile strength	ISO 527	-	MPa	48
Flexural strength	ISO 178	-	MPa	74
Flexural modulus	ISO 178	-	MPa	2300
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m2	9
Deflection temperature under load	ISO 75	1.80MPa	deg C	73
Flammability	UL94	-	-	HB
Light transmission	ASTM D1003	3.0mm	%	90
Density	ISO 1183	-	g/cm3	1.11

Note

- Test methods such as ISO standards are fully or almost compliant with the standards.
- Values are typical, not quality assured.
- UL recognition File No. is E47773.
- The colorant formulations are restricted for each UL certified color. Please contact us for more information.

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