

Properties

EG504T

Filler-reinforced flame-retardant long-lasting antistatic ABS resin

Properties	Test methods	Test conditions	Units	
Mold shrinkage	Daicel method	-	%	0.2-0.3
Tensile strength	ISO 527	-	MPa	55
Flexural strength	ISO 178	-	MPa	88
Flexural modulus	ISO 178	-	MPa	4800
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m2	5.5
Deflection temperature under load	ISO 75	1.80MPa	deg C	90
Flammability	UL94	-	-	V-0/1.5mm
Surface resistivity	ASTM D257	-	ohm	8E12
Density	ISO 1183	-	g/cm3	1.40

Note

- Test methods such as ISO standards are fully or almost compliant with the standards.
- Values are typical, not quality assured.

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 80-90deg C	210-220	220-230	210-220	180-200	50-80	10-20	50-80