

## Properties

### E70

Flame-retardant long-lasting antistatic ABS resin

Static dissipative

Properties	Test methods	Test conditions	Units	
Melt mass-flow rate	ISO 1133	240 deg C/5kg	g/10min	10
Mold shrinkage	Daicel method	-	%	0.3-0.5
Tensile strength	ISO 527	-	MPa	28
Flexural strength	ISO 178	-	MPa	40
Flexural modulus	ISO 178	-	MPa	1500
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m <sup>2</sup>	13
Deflection temperature under load	ISO 75	1.80MPa	deg C	71
Flammability	UL94	-	-	V-0/1.5mm
Volume resistivity	ASTM D257	-	ohm*m	2E6
Surface resistivity	ASTM D257	-	ohm	4E9
Density	ISO 1183	-	g/cm <sup>3</sup>	1.24

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			
4-5hrs 80-90deg C	210-220	220-230	210-220	180-200	60-90	10-20	40-70