

Properties

E10

Long-lasting antistatic ABS resin (UL94 HB)

Standard

Properties	Test methods	Test conditions	Units	
Mold shrinkage	ASTM D955	-	%	0.4-0.7
Tensile strength	ISO 527	-	MPa	39
Flexural strength	ISO 178	-	MPa	61
Flexural modulus	ISO 178	-	MPa	2000
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m2	28
Rockwell hardness	ISO 2039	-	-	R107
Deflection temperature under load	ISO 75	1.80MPa	deg C	78
Flammability	UL94	-	-	HB
Volume resistivity	ASTM D257	-	ohm*m	3E9
Surface resistivity	ASTM D257	-	ohm	2E11
Density	ISO 1183	-	g/cm3	1.06

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