

Typical Physical Properties of EXCELLOY EK10

Property	Unit	Test Method	Typical Physical Properties
Tensile Strength	MPa	ISO 527	44
Flexural Strength	MPa	ISO 178	68
Flexural Modulus	MPa	ISO 178	2,040
Rockwell Hardness	—	ISO 2039	R102
Charpy Impact Strength	KJ/m ²	ISO 179	20
Temperature of Deflection Under Load	°C	ISO 75	80
Melt Mass-Flow Rate	g/10min	ISO 1133 (220°C × 10kg)	23
Density	g/cm ³	ISO 1183	1.07
Molding Shrinkage	%	ISO 294-4	0.40~0.60
Flammability	—	UL94	HB All Color
Surface Resistivity	Ω	JIS K6911	3 × 10 ¹¹

*Each numerical value shown in this catalogue is a typical value based on the specified testing method.

*The data and descriptions may be revised without notice based on new information.

*The user of the material is responsible solely for the final determination of safety and suitability.