

Typical Physical Properties of EXCELLOY EK13C8

Property	Unit	Test Method	Typical Physical Properties
Tensile Strength	MPa	ISO 527	65
Flexural Strength	MPa	ISO 178	85
Flexural Modulus	MPa	ISO 178	4,500
Rockwell Hardness	—	ISO 2039	R103
Charpy Impact Strength	KJ/m ²	ISO 179	7
Temperature of Deflection Under Load	°C	ISO 75	97
Melt Mass-Flow Rate	g/10min	ISO 1133 (220°C × 10kg)	13
Density	g/cm ³	ISO 1183	1.10
Molding Shrinkage	%	ISO 294-4	0.20~0.40
Surface Resistivity	Ω	JIS K6911	1 × 10 ⁴

*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.