

Typical Physical Properties of EXCELLOY EKF55

Property	Unit	Test Method	Typical Physical Properties
Tensile Strength	MPa	ISO 527	44
Flexural Strength	MPa	ISO 178	62
Flexural Modulus	MPa	ISO 178	2,130
Rockwell Hardness	—	ISO 2039	R100
Charpy Impact Strength	KJ/m ²	ISO 179	7
Temperature of Deflection Under Load	°C	ISO 75	78
Melt Mass-Flow Rate	g/10min	ISO 1133 (220°C × 10kg)	60
Density	g/cm ³	ISO 1183	1.22
Flammability	—	UL94	2.0mm 5VB 1.5mm V-0 All Color