

Typical Physical Properties of EXCELLOY AK15

Property	Unit	Test Method	Typical Physical Properties
Tensile Strength	MPa	ISO 527	41
Flexural Strength	MPa	ISO 178	59
Flexural Modulus	MPa	ISO 178	1,610
Rockwell Hardness	—	ISO 2039	R101
Charpy Impact Strength	KJ/m ²	ISO 179	69
Temperature of Deflection Under Load	°C	ISO 75	65
Melt Mass-Flow Rate	g/10min	ISO 1133 (260°C × 10kg)	30
Density	g/cm ³	ISO 1183	1.06
Molding Shrinkage	%	ISO 294-4	0.70~1.00
Flammability	—	UL94	HB All Color