

Typical Physical Properties of EXCELLOY AK10

Property	Unit	Test Method	Typical Physical Properties
Tensile Strength	MPa	ISO 527	50
Flexural Strength	MPa	ISO 178	75
Flexural Modulus	MPa	ISO 178	2,090
Rockwell Hardness	—	ISO 2039	R109
Charpy Impact Strength	KJ/m ²	ISO 179	11
Temperature of Deflection Under Load	°C	ISO 75	78
Melt Mass-Flow Rate	g/10min	ISO 1133 (260°C × 10kg)	35
Density	g/cm ³	ISO 1183	1.05
Molding Shrinkage	%	ISO 294-4	0.40~0.70

*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.