

Polyamide 66

SN0066AKJ30

Physical	Typical Value	Unit	Test Method
Density	1.29	g/cm ³	ISO 1183
Water Absorption 50RH	1.7	%	ISO 62
Water Absorption Saturation	5.5	%	ISO 62

Hardness	Typical Value	Unit	Test Method
Rockwell Hardness M(Scale)	76	—	ISO 2039
Shore Hardness D	80	—	—
Ball Indentation Hardness	165	MPa	ISO 2039

Mechanical	Typical Value	Unit	Test Method
Tensile Modulus 23°C	5000	MPa	ISO 527
Tensile Strength Yield 23°C	85	MPa	ISO 527
Elongation 23°C	5	%	ISO 527
Charpy Notch Impact	6	kJ/m ²	ISO 179
Charpy Un-notch Impact 23°C	50	kJ/m ²	ISO 179
Friction Coefficient Dynamic	0.325	—	—
Compressive Strength	43	MPa	ISO 604
Compressive Strength	77	MPa	ISO 604
Compressive Strength	112	MPa	ISO 604

Thermal	Typical Value	Unit	Test Method
HDT Unannealed 1.8MPa	150	°C	ASTM D648
Melting Temperature	260	°C	ISO 11357
CLE Flow	0.00006	cm/cm/°C	ISO 11359
Heat Conductivity Coefficient	0.3	W/(m.K)	DIN 52612

Electrical	Typical Value	Unit	Test Method
Volume Resistivity	1000000000000000	Ω.cm	IEC 60093
Surface Resistivity	100000000000000	Ω	IEC 60093
Dielectric Strength	27	KV/mm	IEC 60243
Dielectric Constant	3.9	—	IEC 60250
Dissipation Factor	0.012	—	IEC 60250
CTI	475	V	IEC 60112

Flammability	Typical Value	Unit	Test Method
Flame Rating	HB	—	UL94

Product Packaging

25kgs Bag/FIBC