

# TECHNICAL DATASHEET



## Polyamide 66

SN0105ACC15

Physical	Typical Value Unit	Test Method
Density	1.5 g/cm <sup>3</sup>	ISO 1183
Shrinkage xFlow	0.3~0.5 %	ISO 294
Humidity Absorption 50RH	1.7 %	ISO 62

Mechanical	Typical Value Unit	Test Method
Tensile Modulus	5800 MPa	ISO 527
Tensile Strength Break	170 MPa	ISO 527
Elongation Break	4.3 %	ISO 527
Flexural Strength	240 MPa	ISO 178
Flexural Modulus	8000 MPa	ISO 178
Charpy Notch Impact 23°C 1eA	8.5 kJ/m <sup>2</sup>	ISO 179

Thermal	Typical Value Unit	Test Method
HDT 1.8MPa	250 °C	ISO 75
HDT 0.45MPa	255 °C	ISO 75
Melting Temperature 10°C/min	263 °C	ISO 11357

Electrical	Typical Value Unit	Test Method
Volume Resistivity	10000000000000 Ω.m	IEC 60093
Surface Resistivity	10000000000000 Ω	IEC 60093
Dielectric Strength 2.0mm	24 KV/mm	IEC 60243

Flammability	Typical Value Unit	Test Method
Flame Rating All Color 0.8mm	V-0 —	UL94
Flame Rating All Color 3.2mm	V-0 —	UL94

## Product Packaging

25kgs Bag/FIBC