

# TECHNICAL DATASHEET



## Polyamide 66

SN0158AHF

Physical	Test Conditions	Typical Value	Unit	Test Method
Relative viscosity	Chips	2.67±0.03	—	QB
Heterogeneous spot (0.3mm≤d≤1.0mm)	Chips	5	Pcs/kg	QB
Heterogeneous spot (d≥1.0mm)	Chips	0	Pcs/kg	QB
-NH <sub>2</sub>	Chips	40-50	mmol/kg	QB
Water content	Chips	≤4000	mg/kg	QB
Appearance	Chips	Transparent particle	—	QB
Yellow index	Chips	≤-5	—	QB
Particle size	Chips	1.7 ± 0.3	g/100Pellets	QB
Mell flow rate (275°C, 2.16kg)	Chips	80	g/10min	ISO 1133

Mechanical	Test Conditions	Typical Value	Unit	Test Method
Charpy notched impact (23°C)	48h/23°C/50%RH	6.3	KJ/m <sup>2</sup>	ISO 179
Tensile strength	48h/23°C/50%RH	75.5	Mpa	ISO 527
Elongation at break	48h/23°C/50%RH	74.6	%	ISO 527
Flexural modulus	48h/23°C/50%RH	2683.4	Mpa	ISO 178
Flexural strength	48h/23°C/50%RH	98.2	Mpa	ISO 178

Thermal	Test Conditions	Typical Value	Unit	Test Method
Heat deflection temperature (1.80Mpa)	48h/23°C/50%RH	66.5	°C	ISO 75
Vical softening temperature (50N, 120°C/h)	48h/23°C/50%RH	—	°C	ISO 306
Melting point (10°C/min)	Chips	262	°C	ASTM 03418

Flammability	Test Conditions	Typical Value	Unit	Test Method
Flammability	48h/23°C/50%RH	0.7mm	V-2	UL94
		1.0mm	V-2	
		1.6mm	V-2	

### Product Packaging

25kgs Bag/FIBC