



·25%	PA66 25% glass fiber reinforced PA66	·Injection molding		
·	Good mechanical properties balance	·Excellent heat stability		
Specific Gravity	ISO 1183	23	g/cm³	1.32
Ash	ISO 3451	800 ,30min	%	25
Tensile Modulus	ISO 527	1mm/min	MPa	8500
Tensile Strength	ISO 527	5mm/min	MPa	165
Elongation at Break	ISO 527	5mm/min	%	3
Flexural Strength	ISO 178	2mm/min	MPa	255
Flexural Modulus	ISO 178	2mm/min	MPa	7500
Unnotched Charpy Impact Strength	ISO 179-1/1eU	23	kJ/m²	60
Notched Charpy Impact Strength	ISO 179-1/1eA	23	kJ/m²	10
Heat Deflection Temp	ISO 75	1.8MPa		245
Melting Point	ISO 11357	DSC		262
Mold Shrinkage	internal test method	flow direction	%	0.1-0.3
		cross flow direction	%	0.9-1.2
Flammability	ISO 3795	—	mm/min	24

The data above is typical value for reference, not guarantee value. The data will vary with tool design such as gate type , gate location, gate number, injection molding process and part thickness. The data will vary with different color as well. Prior to use the material, please consult with Sunway polymer.

Melt Temperature		270-290
Barrel Temperature	, Rear	270-280
	, Center	275-285
	, Front	280-290
Mold Temperature		80-100
Pre-Dry needed		100-110 ,4-6h

The above process condition is only for reference. The actual process should be adjusted according to different type of machine, mold design and product design.

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