

PRINCCIPAL PROPERTIES

Product Category	PA66	Grade	TLZ50G	
Standard test	CB	ASTM	Unit	Typical value
<b>Mechanical property</b>				
Tensile strength at break	GB/T 1040-92	D638	Mpa	200
Elongation at break	GB/T 1040-92	D638	%	<3
Yield flexural strength	GB 9341-88	D790	Mpa	230
Unnotched impact strength of tube-supported beam	GB/T 1043-93	D256	KJ/m <sup>2</sup>	50
Notch impact strength of tube support beam	GB/T 1043-93	D256	KJ/m <sup>2</sup>	9
Notched Izod Impact Strength	GB1843-89	D256	KJ/m <sup>2</sup>	11
Rockwell hardness	GB9342-88			
<b>Thermal property</b>				
Heat distortion temperature	GB1643-89	D648	°C	255
Flame retardancy				
<b>Processing</b>				
Solution flow rate	GB3682-89	D1238	g/10min	4.5
Molding shrinkage			%	0.1~0.3
Injection molding temperature			°C	270~300
Density	GB1033-86	D792	g/cm <sup>3</sup>	1.58

Note: The above data are typical values and are for reference only.