

PRINCCIPAL PROPERTIES

Product Category	PA6	Grade	TLZN30M	
Standard test	CB	ASTM	Unit	Typical value
<b>Mechanical property</b>				
Tensile strength at break	GB/T 1040-92	D638	Mpa	90
Elongation at break	GB/T 1040-92	D638	%	10
Yield flexural strength	GB 9341-88	D790	Mpa	145
Unnotched impact strength of tube-supported beam	GB/T 1043-93	D256	KJ/m <sup>2</sup>	45
Notch impact strength of tube support beam	GB/T 1043-93	D256	KJ/m <sup>2</sup>	7
Notched Izod Impact Strength	GB1843-89	D256	KJ/m <sup>2</sup>	7
Rockwell hardness	GB9342-88			
<b>Thermal property</b>				
Heat distortion temperature	GB1643-89	D648	℃	165
Flame retardancy				
<b>Processing</b>				
Solution flow rate	GB3682-89	D1238	g/10min	
Molding shrinkage			%	0.7~1.1
Injection molding temperature			℃	230~280
Density	GB1033-86	D792	g/cm <sup>3</sup>	1.34

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