

PRINCCIPAL PROPERTIES

Product Category	PA6	Grade	TLZN50G	
Standard test	CB	ASTM	Unit	Typical value
Mechanical property				
Tensile strength at break	GB/T 1040-92	D638	Mpa	175
Elongation at break	GB/T 1040-92	D638	%	≥3
Yield flexural strength	GB 9341-88	D790	Mpa	220
Unnotched impact strength of tube-supported beam	GB/T 1043-93	D256	KJ/m ²	75
Notch impact strength of tube support beam	GB/T 1043-93	D256	KJ/m ²	9
Notched Izod Impact Strength	GB1843-89	D256	KJ/m ²	14
Rockwell hardness	GB9342-88			
Thermal property				
Heat distortion temperature	GB1643-89	D648	℃	258
Flame retardancy				
Processing				
Solution flow rate	GB3682-89	D1238	g/10min	2.5
Molding shrinkage			%	0.15~0.3
Injection molding temperature			℃	250~290
Density	GB1033-86	D792	g/cm ³	1.57

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