

PRINCCIPAL PROPERTIES

Product Category	PA6	Grade	TLZN30G	
Standard test	CB	ASTM	Unit	Typical value
Mechanical property				
Tensile strength at break	GB/T 1040-92	D638	Mpa	150
Elongation at break	GB/T 1040-92	D638	%	18
Yield flexural strength	GB 9341-88	D790	Mpa	200
Unnotched impact strength of tube-supported beam	GB/T 1043-93	D256	KJ/m ²	60
Notch impact strength of tube support beam	GB/T 1043-93	D256	KJ/m ²	11
Notched Izod Impact Strength	GB1843-89	D256	KJ/m ²	12
Rockwell hardness	GB9342-88			
Thermal property				
Heat distortion temperature	GB1643-89	D648	°C	225
Flame retardancy				
Processing				
Solution flow rate	GB3682-89	D1238	g/10min	3.8
Molding shrinkage			%	0.2~0.6
Injection molding temperature			°C	240~290
Density	GB1033-86	D792	g/cm ³	1.36

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