

PRINCCIPAL PROPERTIES

Product Category	PA66	Grade	TLZ20G	
Standard test	CB	ASTM	Unit	Typical value
Mechanical property				
Tensile strength at break	GB/T 1040-92	D638	Mpa	140
Elongation at break	GB/T 1040-92	D638	%	<5
Yield flexural strength	GB 9341-88	D790	Mpa	180
Unnotched impact strength of tube-supported beam	GB/T 1043-93	D256	KJ/m ²	80
Notch impact strength of tube support beam	GB/T 1043-93	D256	KJ/m ²	10
Notched Izod Impact Strength	GB1843-89	D256	KJ/m ²	12
Rockwell hardness	GB9342-88			
Thermal property				
Heat distortion temperature	GB1643-89	D648	°C	250
Flame retardancy				
Processing				
Solution flow rate	GB3682-89	D1238	g/10min	8
Molding shrinkage			%	0.5~0.7
Injection molding temperature			°C	240~280
Density	GB1033-86	D792	g/cm ³	1.31

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