

PRINCCIPAL PROPERTIES

Product Category	POM	Grade	TLZM10M	
Standard test	CB	ASTM	Unit	Typical value
Mechanical property				
Tensile strength at break	GB/T 1040-92	D638	Mpa	65
Elongation at break	GB/T 1040-92	D638	%	40
Yield flexural strength	GB 9341-88	D790	Mpa	95
Unnotched impact strength of tube-supported beam	GB/T 1043-93	D256	KJ/m ²	45
Notch impact strength of tube support beam	GB/T 1043-93	D256	KJ/m ²	8
Notched Izod Impact Strength	GB1843-89	D256	KJ/m ²	9
Rockwell hardness	GB9342-88			
Thermal property				
Heat distortion temperature	GB1643-89	D648	℃	170
Flame retardancy				
Processing				
Solution flow rate	GB3682-89	D1238	g/10min	11
Molding shrinkage			%	1.5~2.5
Injection molding temperature			℃	160~185
Density	GB1033-86	D792	g/cm ³	1.34

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