

PRINCCIPAL PROPERTIES

Product Category	PC/ABS		Grade	PC/ABS	
Standard test	CB	ASTM	Unit	Typical value	
<b>Mechanical property</b>					
Tensile strength at break	GB/T 1040-92	D638	Mpa	55	
Elongation at break	GB/T 1040-92	D638	%	>50	
Yield flexural strength	GB 9341-88	D790	Mpa	70	
Unnotched impact strength of tube-supported beam	GB/T 1043-93	D256	KJ/m <sup>2</sup>	NB	
Notch impact strength of tube support beam	GB/T 1043-93	D256	KJ/m <sup>2</sup>	65	
Notched Izod Impact Strength	GB1843-89	D256	KJ/m <sup>2</sup>	70	
Rockwell hardness	GB9342-88				
<b>Thermal property</b>					
Heat distortion temperature	GB1643-89	D648	℃	105	
Flame retardancy					
<b>Processing</b>					
Solution flow rate	GB3682-89	D1238	g/10min	13	
Molding shrinkage			%	0.5~0.7	
Injection molding temperature			℃	220~250	
Density	GB1033-86	D792	g/cm <sup>3</sup>	1.12	

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