

PRINCCIPAL PROPERTIES

Product Category	FRPC/ABS	Grade	FRPC/ABS	
Standard test	CB	ASTM	Unit	Typical value
Mechanical property				
Tensile strength at break	GB/T 1040-92	D638	Mpa	54
Elongation at break	GB/T 1040-92	D638	%	>50
Yield flexural strength	GB 9341-88	D790	Mpa	80
Unnotched impact strength of tube-supported beam	GB/T 1043-93	D256	KJ/m ²	HB
Notch impact strength of tube support beam	GB/T 1043-93	D256	KJ/m ²	26
Notched Izod Impact Strength	GB1843-89	D256	KJ/m ²	35
Rockwell hardness	GB9342-88			
Thermal property				
Heat distortion temperature	GB1643-89	D648	℃	105
Flame retardancy				V0
Processing				
Solution flow rate	GB3682-89	D1238	g/10min	12
Molding shrinkage			%	0.4~0.6
Injection molding temperature			℃	220~250
Density	GB1033-86	D792	g/cm ³	1.18

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