

# Kotec PPS Resin

物性項目	試験方法	試験条件	単位	1340C(GF 40%)	1340L(GF40%)
<b>Mechanical Properties</b>					
Izod 冲击強度	ASTM D256	V-Notched 1/8"23°C	J/m kgf · cm/cm ft · lbf/in	808.21.5	10010.21.87
引張破断点強度	ASTM D638	---	Mpa kgf/cm <sup>2</sup> lbf/in <sup>2</sup>	2.00204E+11	1.85189E+11
引張破断点伸度	ASTM D638	---	%	1.7	1.9
弯曲強度	ASTM D790	---	Mpa kgf/cm <sup>2</sup> lbf/in <sup>2</sup>	2.6527E+11	2.30235E+11
弯曲彈性率	ASTM D790	---	Mpa kgf/cm <sup>2</sup> lbf/in <sup>2</sup>	1.49002E+17	1.32001E+17
Rockwell硬度	R scale	---	---	123	123
<b>Thermal Properties</b>					
燃燒性	UL-94	---	---	V-0(0.75 mm)	V-0(0.75 mm)
加重弯曲温度	ASTM D648	---	°C	>260	>260
			°F	>500	>500
<b>Physical Properties</b>					
比重	ASTM D792	---	---	1.66	1.66
吸水率	ASTM D570	24 hrs @23°C Water immersion	%	0.02	0.02
<b>Electrical Properties</b>					
誘電率	ASTM D150	10 <sup>6</sup> Hz	---	4	4
体积电阻系数	ASTM D257	---	Ω · cm	1016	1016

To our best knowledge, the values contained herein are given in good faith. However, no warranty, express or implied is made nor is liability accepted in connection with this information. Actual values of each production lot may vary within normal tolerances. All properties given are typical of uncolored PC and may be affected by colorants, other additives, the design of a mold/die, molding techniques applied, the size and shape of a molded article. In view of these factors, the properties do not relieve customers from carrying out their own investigations and tests. It is entirely customer's responsibility to determine the suitability of any information for any contemplated use. We reserve the right to make additions, deletions, or modifications to the information at any time without prior notification.

