



# PRODUCT INFORMATION

**CRELOY**

**R940B**

PC/PBT alloy, unfilled, high impact resistance with dimensional stability and processability

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.22
	Moisture absorption 24h at 23°C	ASTM D570	%	-
	Mould shrinkage (flow)	Cresin Method	%	0.7 ~ 0.9
	Mould shrinkage (transverse)	Cresin Method	%	0.8 ~ 1.0
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	50
	Tensile strength	ASTM D638	kg/cm <sup>2</sup>	600
	Elongation	ASTM D638	%	80
	Flexural strength	ASTM D790	kg/cm <sup>2</sup>	850
	Flexural modulus	ASTM D790	kg/cm <sup>2</sup>	22,000
	Rockwell hardness	ASTM D785	R-Scale	110
Thermal	Melting point	ASTM D3418	°C	-
	HDT	ASTM D648	°C (18.5kg/cm <sup>2</sup> )	95
			°C (4.6kg/cm <sup>2</sup> )	110
Flammability	UL 94	-	HB	

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