



PRODUCT INFORMATION

CRELOY

R940D

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

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.2
	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	60
	Tensile strength	ASTM D638	kg/cm ²	600
	Elongation	ASTM D638	%	100
	Flexural strength	ASTM D790	kg/cm ²	900
	Flexural modulus	ASTM D790	kg/cm ²	23,000
	Rockwell hardness	ASTM D785	R-Scale	110
Thermal	Melting point	ASTM D3418	°C	-
	HDT	ASTM D648	°C (18.5kg/cm ²)	95
			°C (4.6kg/cm ²)	110
	Flammability	UL 94	-	HB

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