



PRODUCT INFORMATION

CRENATE FR900

Polycarbonate (PC), flame retarded (UL 94 V-0) with balanced properties

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.2
	Moisture absorption 24h at 23°C	ASTM D570	%	0.15
	Mould shrinkage (flow)	Cresin Method	%	0.3 ~ 0.5
	Mould shrinkage (transverse)	Cresin Method	%	0.4 ~ 0.7
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	50
	Tensile strength	ASTM D638	kg/cm ²	650
	Elongation	ASTM D638	%	80
	Flexural strength	ASTM D790	kg/cm ²	900
	Flexural modulus	ASTM D790	kg/cm ²	22,000
	Rockwell hardness	ASTM D785	R-Scale	120
Thermal	Melting point	ASTM D3418	°C	-
	HDT	ASTM D648	°C (18.5kg/cm ²)	130
			°C (4.6kg/cm ²)	140
	Flammability	UL 94	-	V-0

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