



# PRODUCT INFORMATION

**CRESTER**

**R400**

Polybutylene terephthalate (PBT), unfilled, lubricated for injection molding

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.30
	Moisture absorption 24h at 23°C	ASTM D570	%	-
	Mould shrinkage (flow)	Cresin Method	%	1.7 ~ 2.0
	Mould shrinkage (transverse)	Cresin Method	%	1.8 ~ 2.2
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	4
	Tensile strength	ASTM D638	kg/cm <sup>2</sup>	550
	Elongation	ASTM D638	%	30
	Flexural strength	ASTM D790	kg/cm <sup>2</sup>	850
	Flexural modulus	ASTM D790	kg/cm <sup>2</sup>	23,000
	Rockwell hardness	ASTM D785	R-Scale	120
Thermal	Melting point	ASTM D3418	°C	220
	HDT	ASTM D648	°C (18.5kg/cm <sup>2</sup> )	55
			°C (4.6kg/cm <sup>2</sup> )	155
	Flammability	UL 94	-	HB

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