



# PRODUCT INFORMATION

**CRESTER**

**HI400**

**Polybutylene terephthalate (PBT), unfilled, impact modified for injection molding**

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.26
	Moisture absorption 24h at 23°C	ASTM D570	%	-
	Mould shrinkage (flow)	Cresin Method	%	1.8 ~ 2.2
	Mould shrinkage (transverse)	Cresin Method	%	2.0 ~ 2.6
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	40
	Tensile strength	ASTM D638	kg/cm <sup>2</sup>	400
	Elongation	ASTM D638	%	50
	Flexural strength	ASTM D790	kg/cm <sup>2</sup>	700
	Flexural modulus	ASTM D790	kg/cm <sup>2</sup>	18,000
	Rockwell hardness	ASTM D785	R-Scale	118
Thermal	Melting point	ASTM D3418	°C	220
	HDT	ASTM D648	°C (18.5kg/cm <sup>2</sup> )	50
			°C (4.6kg/cm <sup>2</sup> )	140
	Flammability	UL 94	-	HB

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