



PRODUCT INFORMATION

CREAMIDE 6 HI100

Polyamide 6, unfilled, impact modified at low temperature for injection molding

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.08
	Moisture absorption 24h at 23°C	ASTM D570	%	1.25
	Mould shrinkage (flow)	Cresin Method	%	1.2 ~ 1.5
	Mould shrinkage (transverse)	Cresin Method	%	1.0 ~ 1.3
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	40
	Tensile strength	ASTM D638	kg/cm ²	550
	Elongation	ASTM D638	%	70
	Flexural strength	ASTM D790	kg/cm ²	600
	Flexural modulus	ASTM D790	kg/cm ²	17,000
	Rockwell hardness	ASTM D785	R-Scale	110
Thermal	Melting point	ASTM D3418	°C	220
	HDT	ASTM D648	°C (18.5kg/cm ²)	55
			°C (4.6kg/cm ²)	165
	Flammability	UL 94	-	HB

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