



PRODUCT INFORMATION

CREAMIDE 6 IG106

Polyamide 6, 30% glass fiber reinforced, impact modified for injection molding

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.34
	Moisture absorption 24h at 23°C	ASTM D570	%	0.9
	Mould shrinkage (flow)	Cresin Method	%	0.4 ~ 0.8
	Mould shrinkage (transverse)	Cresin Method	%	0.6 ~ 1.0
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	20
	Tensile strength	ASTM D638	kg/cm ²	1,400
	Elongation	ASTM D638	%	3
	Flexural strength	ASTM D790	kg/cm ²	2,000
	Flexural modulus	ASTM D790	kg/cm ²	72,000
	Rockwell hardness	ASTM D785	R-Scale	115
Thermal	Melting point	ASTM D3418	°C	220
	HDT	ASTM D648	°C (18.5kg/cm ²)	200
			°C (4.6kg/cm ²)	210
	Flammability	UL 94	-	HB

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