


MITSUI CHEMICALS, INC.
<http://www.mitsuichem.com>

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AURUM® JCN6230

- FEATURES**

Carbon Fiber Reinforced

Available Crystallized Resin

Recommended Condition for Crystallization = 220°C X 5hrs + 280°C X 5hrs

Remarks) The dimensional change will be occurred (0.1 – 2 %)

(Please ask the typical properties of Crystallized Parts)

- Typical Properties** as non-Crystallized parts

ITEM	TEST METHOD	UNIT	VALUE	
Physical Properties				
S.G.	ASTM D 792	—	1.42	
Mold Shrinkage (MD/TD)	MCI Method	%	0.00/0.89	
Mechanical Properties				
Tensile Strength	ASTM D 638	MPa	266	
Tensile Elongation	ASTM D 638	%	3	
Flexural Strength	ASTM D 790	MPa	368	
Flexural Modulus	ASTM D 790	GPa	23.3	
IZOD Impact Strength	ASTM D 256	J/m	108	
Thermal Properties				
H.D.T. @ 1.82MPa	ASTM D 648	°C	237	
C.L.T.E. (MD/TD)	ASTM D 696	10 ⁻⁵ /K	N.D.	

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