


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

Shiodome City Center 1-5-2, Higashi-Shimbashi, Minato-ku, Tokyo 105-7117, Japan

AURUM® PL6200

- Non Reinforced/ Filled

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	—	1.31	
Mold Shrinkage (MD/TD)	MCI 法	%	0.90/1.40	
Mechanical Properties				
Tensile Strength	ASTM D 638	MPa	91	
Tensile Elongation	ASTM D 638	%	56	
Flexural Strength	ASTM D 790	MPa	138	
Flexural Modulus	ASTM D 790	GPa	3.1	
IZOD Impact Strength	ASTM D 256	J/m	90	
Thermal Properties				
H.D.T. @ 1.82MPa	ASTM D 648	°C	214	
C.L.T.E. (MD/TD)	ASTM D 696	10 ⁻⁵ /K	N.D.	

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