


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

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

AURUM® JGN3030

- FEATURES**

Glass Fiber Reinforced

High Modulus

Excellent Electrical Properties (Electrical Insulation)

- TYPICAL PROPERTIES**

ITEM	TEST METHOD	UNIT	VALUE	
Physical Properties				
S.G.	ASTM D 792	—	1.56	
Mold Shrinkage (MD/TD)	MCI Method	%	0.16/0.78	
Mechanical Properties				
Tensile Strength	ASTM D 638	MPa	165	
Tensile Elongation	ASTM D 638	%	3	
Flexural Strength	ASTM D 790	MPa	241	
Flexural Modulus	ASTM D 790	GPa	9.5	
IZOD Impact Strength	ASTM D 256	J/m	118	
Thermal Properties				
HDT @ 1.82MPa	ASTM D 648	°C	245	
C.L.T.E. (MD/TD)	ASTM D 696	10 ⁻⁵ /K	1.7/5.3	

2010.08.12