


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

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

AURUM® PL500A

● FEATURES

- Non Reinforced/Filled
- Excellent Cleanness (Low Outgassing, Low Level Impurities)
- Excellent Extrusion Performance (Suitable for Film Manufacturing, Cable Coating)
- Glass Transition Temperature = 253 C

● TYPICAL PROPERTIES

ITEM	TEST METHOD	UNIT	VALUE	
Physical Properties				
S.G.	ASTM D 792	—	1.33	
Mold Shrinkage (MD/TD)	MCI 法	%	0.74/0.85	
Mechanical Properties				
Tensile Strength	ASTM D 638	MPa	92	
Tensile Elongation	ASTM D 638	%	70	
Flexural Strength	ASTM D 790	MPa	136	
Flexural Modulus	ASTM D 790	GPa	3.1	
IZOD Impact Strength	ASTM D 256	J/m	117	
Thermal Properties				
H.D.T. @ 1.82MPa	ASTM D 648	°C	235	
C.L.T.E. (MD/TD)	ASTM D 696	10 ⁻⁵ /K	5.5/5.5	

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