

# AURUM<sup>®</sup> JGN3030

## Thermoplastic Polyimide Compound

AURUM<sup>®</sup> JGN3030 is a 30% glass fiber reinforced grade has very high strength and stiffness

General Properties	Typical value	Unit	Test method
Specific gravity	1.55	-	ASTM D792
MFR, 400°C-2.16kgf	6	g/10min	ASTM D1238
Mold shrinkage (MD/TD)	0.2/0.8	%	Mitsui chemical method

Mechanical Properties	Typical value	Unit	Test method
Tensile strength	170	MPa	ASTM D638
Elongation at brake	3	%	ASTM D638
Flexural strength	240	MPa	ASTM D790
Flexural modulus	10	GPa	ASTM D790
Izod impact strength	110	J/m	ASTM D256

Thermal properties	Typical value	Unit	Test method
HDT	241	°C	ASTM D648
CLTE (MD/TD)	1.7/ 5.3	10 <sup>-5</sup> /°C	ASTM D696