

# AURUM™ JCN3030

## Thermoplastic Polyimide Compound

AURUM™ JCN3030 is a 30% CF reinforced grade which has very high strength and stiffness.

General Properties	Typical value	Unit	Test method
Specific gravity	1.43	-	ASTM D792
MFR, 400°C-2.16kgf	3	g/10min	ASTM D1238
Mold shrinkage (MD/TD)	0 / 0.7	%	Mitsui chemical method

Mechanical Properties	Typical value	Unit	Test method
Tensile strength	250	MPa	ASTM D638
Elongation at brake	2	%	ASTM D638
Flexural strength	360	MPa	ASTM D790
Flexural modulus	22	GPa	ASTM D790
Izod impact strength	110	J/m	ASTM D256

Thermal properties	Typical value	Unit	Test method
HDT	245	°C	ASTM D648
CLTE (MD/TD)	0.6 / 4.7	10 <sup>-5</sup> /°C	ASTM D696