

# AURUM™ JCN6230

## Thermoplastic Polyimide Compound

AURUM™JCN6230 is 30% CF reinforced polyimide / PEEK alloy grade.

General Properties	Typical value	Unit	Test method
Specific gravity	1.42	-	ASTM D792
MFR, 400°C-2.16kgf	2	g/10min	ASTM D1238
Mold shrinkage (MD/TD)	0 / 0.9	%	Mitsui chemical method

Mechanical Properties	Typical value	Unit	Test method
Tensile strength	260	MPa	ASTM D638
Elongation at brake	2	%	ASTM D638
Flexural strength	370	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	236	°C	ASTM D648
CLTE (MD/TD)	0.3 / 4.6	10 <sup>-5</sup> /°C	ASTM D696