

AURUM™ JGN6230

Thermoplastic Polyimide Compound

AURUM™ JGN6230 is 30% glass fiber reinforced polyimide / PEEK alloy grade

General Properties	Typical value	Unit	Test method
Specific gravity	1.54	-	ASTM D792
MFR, 400°C-2.16kgf	5	g/10min	ASTM D1238
Mold shrinkage (MD/TD)	0.2/0.9	%	Mitsui chemical method

Mechanical Properties	Typical value	Unit	Test method
Tensile strength	180	MPa	ASTM D638
Elongation at brake	3	%	ASTM D638
Flexural strength	250	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	238	°C	ASTM D648
CLTE (MD/TD)	1.5/ 5.4	10 ⁻⁵ /°C	ASTM D696