

AURUMTM **JCL3030** Thermoplastic Polyimide Compound

AURUMTM JCL3030 is a 30% CF reinforced and lubricated grade which is suitable for wear friction application like bearing and washer.

General Properties	Typical value	Unit	Test method
Specific gravity	1.42	-	ASTM D792
MFR, 420°C-10kgf	35	g/10min	ASTM D1238
Mold shrinkage (MD/TD)	0/0.7	%	Mitsui chemical method

Mechanical Properties	Typical value	Unit	Test method
Tensile strength	240	MPa	ASTM D638
Elongation at brake	2	%	ASTM D638
Flexural strength	340	MPa	ASTM D790
Flexural modulus	21	GPa	ASTM D790
Izod impact strength	130	J/m	ASTM D256

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

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The information contain herein is to the best of our knowledge, accurate and reliable. No warranty is given as to the accuracy or completeness. Please read the material safety data sheet before use. In the event of handling this product in a special way, please take safety measures to meet use or application requirements.

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