

GLAMIDE® T-665C30

PA66-CF30

Toyobo Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength	216 / 150	MPa	ASTM D 638
Flexural Modulus	15600 / 10000	MPa	ASTM D 790
Flexural Strength	300 / 215	MPa	ASTM D 790
Rockwell Hardness	R 120 /	-	ASTM D 785
Taber Abrasion Resistance	6	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	120 / 150	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	72 / 80	J/m	ASTM D 256
Temperature	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	255	°C	ASTM D 648

Electrical properties	dry / cond	Unit	Test Standard
ASTM Data			
Volume Resistivity	1 / -	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.6	%	ASTM D 570
Water Absorption, Equilibrium	1.7	%	ASTM D 570
Density	1270	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 120	°C	-
Pre-drying - Time	3 - 5	h	-
Melt temperature	270 - 300	°C	-
Mold temperature	60 - 140	°C	-
Injection pressure	30 - 60	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Increased electrical conductivity