

GLAMIDE® T-669VGB

PA66-GF35

Toyobo Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength	180 / 145	MPa	ASTM D 638
Flexural Modulus	11300 / 8000	MPa	ASTM D 790
Flexural Strength	240 / 190	MPa	ASTM D 790
Rockwell Hardness	R 120 /	-	ASTM D 785
Taber Abrasion Resistance	26	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	140 / 170	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	105 / 110	J/m	ASTM D 256
Temperature	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.77	mm	-
DTUL @ 66 psi	262	°C	ASTM D 648
DTUL @ 264 psi	250	°C	ASTM D 648

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Comparative tracking index	300 / 300	-	IEC 60112
ASTM Data			
Dielectric Strength, Short Time	24 / 18	kV/mm	ASTM D 149
Volume Resistivity	1E15 / 1E13	Ohm*cm	ASTM D 257
Arc Resistance	110 / -	s	ASTM D 495

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.6	%	ASTM D 570
Water Absorption, Equilibrium	1.5	%	ASTM D 570
Density	1620	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	275 - 295	°C	-
Mold temperature	80	°C	-
Injection pressure	40	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Flame retardant