

GLAMIDE® T-222 SA

(PA*+TPE)

Toyobo Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.0105	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength	25 / 16	MPa	ASTM D 638
Flexural Modulus	700 / 400	MPa	ASTM D 790
Flexural Strength	25 / 17	MPa	ASTM D 790
Rockwell Hardness	R 85 /	-	ASTM D 785
Taber Abrasion Resistance	8	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	N / N	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	300 / 320	J/m	ASTM D 256
Temperature	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	90	E-6/K	ASTM D 696
DTUL @ 66 psi	67	°C	ASTM D 648

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Comparative tracking index	600 / 600	-	IEC 60112
ASTM Data			
Dielectric Strength, Short Time	18 / 15	kV/mm	ASTM D 149
Volume Resistivity	1E15 / 1E12	Ohm*cm	ASTM D 257
Arc Resistance	125 / 115	s	ASTM D 495

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.6	%	ASTM D 570
Water Absorption, Equilibrium	2	%	ASTM D 570
Density	1030	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	260 - 300	°C	-
Mold temperature	50 - 70	°C	-
Injection pressure	50 - 80	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific