

TENAC™-C TFC84

POM

Asahi Kasei

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	0.9	cm ³ /10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Melt flow index, MFI	1	g/10min	ISO 1133

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2700	MPa	ISO 527
Yield stress	35	MPa	ISO 527
Strain at break	31	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
^[C] Charpy notched impact strength, +23°C	3	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	83	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	145	°C	ISO 75-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
^[C] Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Yellow Card available	yes	-	-

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	0.1	Ohm*m	IEC 62631-3-1
Surface resistivity	10	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
^[C] Density	1380	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Increased electrical conductivity

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa