

LATIGRAY 80-03 CWG/850

PPS-(MEF(x)+GF)

LATI Industria Termoplastici S.p.A.

Product Texts

Radiopaque compound.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	14000	MPa	ISO 527
Stress at break	85	MPa	ISO 527
Strain at break	1.1	%	ISO 527
Charpy impact strength, +23°C	15	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	250	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	275	°C	ISO 75-1/-2
Vicat softening temperature, B	255	°C	ISO 306

Electrical properties

	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E9	Ohm	ASTM D 257

Other properties

	Value	Unit	Test Standard
Density	5380	kg/m ³	ISO 1183

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	100 - 140	°C	-
Pre-drying - Time	3	h	-
Melt temperature	290 - 310	°C	-
Mold temperature	130 - 140	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe