

NIPLENE T20

PP-T20

Soredi S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	26	MPa	ASTM D 638
Flexural Modulus	2800	MPa	ASTM D 790
Flexural Strength	45	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/8 in	28.8	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	75	°C	ASTM D 648
Vicat Temperature	104	°C	ASTM D 1525
Electrical properties			
ISO Data			
Relative permittivity, 1MHz	2.7	-	IEC 62631-2-1
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Electric strength	60	kV/mm	IEC 60243-1
Other properties			
Density	1040	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Features

Homopolymer