

NIPLENE V2

PP

Soredi S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.017	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	25	MPa	ASTM D 638
Elongation at Break	60	%	ASTM D 638
Flexural Modulus	1600	MPa	ASTM D 790
Flexural Strength	45	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/8 in	33.6	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	60	°C	ASTM D 648
Vicat Temperature	100	°C	ASTM D 1525
Other properties			
Humidity absorption	0.2	%	Sim. to ISO 62
Density	940	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Flame retardant

Features

Homopolymer

Regional Availability

Europe