

**NIBLEND FR51**

(PC+ABS)

Soredi S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>40</b>	g/10min	ASTM D 1238
Temperature	<b>260</b>	°C	-
Load	<b>5</b>	kg	-
Mold Shrinkage, MD	<b>0.006</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>45</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>40</b>	MPa	ASTM D 638
Flexural Modulus	<b>2500</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 110</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>288</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>1.6</b>	mm	-
Vicat Temperature	<b>100</b>	°C	ASTM D 1525
<b>Other properties</b>			
Humidity absorption	<b>0.2</b>	%	Sim. to ISO 62
Density	<b>1220</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Natural Color

**Regional Availability**

Europe

**Special Characteristics**

Flame retardant