

NIBLEND FR54

(PC+ABS)

Soredi S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	60	MPa	ASTM D 638
Tensile Strength at Break	50	MPa	ASTM D 638
Flexural Modulus	2600	MPa	ASTM D 790
Flexural Strength	90	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Izod Impact notched, 1/8 in	480	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	144	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Coeff. of linear therm. expansion, normal	80	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
Vicat Temperature	130	°C	ASTM D 1525
Other properties			
Density	1190	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Regional Availability

Europe