

NILAC BF AE/V0

ABS

Soredi S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	39	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	42	MPa	ASTM D 638
Flexural Modulus	2400	MPa	ASTM D 790
Flexural Strength	60	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/8 in	106	J/m	ASTM D 256
Thermal properties			
ISO Data			
Coeff. of linear therm. expansion, normal	90	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	90	°C	ASTM D 648
Vicat Temperature	98	°C	ASTM D 1525
Electrical properties			
ISO Data			
Relative permittivity, 1MHz	2.8	-	IEC 62631-2-1
Other properties			
Humidity absorption	0.1	%	Sim. to ISO 62
Density	1240	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Flame retardant

Features

Non Blooming

Regional Availability

Europe