

NILAC AE/V0

ABS

Soredi S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	35	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	40	MPa	ASTM D 638
Flexural Modulus	2500	MPa	ASTM D 790
Flexural Strength	60	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/8 in	173	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	96.1	J/m	ASTM D 256
Temperature	-20	°C	-
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	85	°C	ASTM D 648
Vicat Temperature	90	°C	ASTM D 1525
Other properties			
Humidity absorption	0.25	%	Sim. to ISO 62
Density	1210	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Flame retardant

Regional Availability

Europe