

PA ECOTAN B F50 FL NERO

PA6-GF50

Soredi S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	200	MPa	ASTM D 638
Flexural Modulus	12000	MPa	ASTM D 790
Flexural Strength	270	MPa	ASTM D 790
Izod Impact notched, 1/8 in	96.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	210	°C	ASTM D 648
Vicat Temperature	215	°C	ASTM D 1525

Electrical properties	Value	Unit	Test Standard
ISO Data			
Electric strength	20	kV/mm	IEC 60243-1
Comparative tracking index	500	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.8	%	ASTM D 570
Density	1560	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Black

Regional Availability

Europe