

TECHNICAL DATE SHEET

ABS 10⁸ (antistatic)

Acrylonitrile-butadiene-styrene - copolymer >90%

PROPERTIES

	PROPERTIES	VALUE	METOD AND CONDICTION
PHYSICAL & MECHANICAL	Density	1,07 g/cm ³	ISO 1133
	Yield Stress	35 Mpa	ISO 527-1,2
	Elongation at Break	28%	ISO 527-1,2
	Tensile strength	27 Mpa	ISO 527-1,2
	Modulus of elasticity	1800 MPa	ISO 178
	Izod notched impact strength	23°C = 68KJ/m ² / -20°C = 49KJ/m ²	ISO 180-1A
THERMAL & ELECTRICAL	Vicat	100 °C	ISO 306
	Burning behavior	HB	UL 94
	Surface resistance	< 10 ¹⁰ Ω	IEC 61340-5-1
	Static Decay Rate	<2 s	IEC 61340-5-1

SUGGESTED PRINTER SETTING

	VALUE	UNIT
Extruder Temperature	230 - 250	°C
Print Speed	30 -50	mm/s
Printbed temperature	80 -100	°C
Drying Temperature	70 - 80	°C for 3-4 hr

PRODUCT DETAILS & CERTIFICATION

Diameter	1,75 mm 2,85 mm	Tolerance ± 0,05mm Tolerance ± 0,05mm
Major Benefits	<ul style="list-style-type: none"> - Static dissipative thermoplastic - constant value 10⁸ Ohm - High strength - Good printability and resolution - Post processable 	

The information supplied in relation to our products recommendations or otherwise, is collected from source considered to be dependable or internally developed. Ciceri de Mondel Srl assumes no liability and makes no warranties of any kind about the accuracy of this datas. The user assumes all responsibility for the use of all information provided and shall.