

Elix ABS E-LOOP 5120 MR

(PC+ABS)

Elix Polymers, S.L.

Product Texts

Reduced carbon footprint

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	21	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2300	MPa	ISO 527
Yield stress	54	MPa	ISO 527
Yield strain	4.9	%	ISO 527
Strain at break	44	%	ISO 527
Charpy notched impact strength, +23°C	40	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	41	kJ/m ²	ISO 180/1A

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	120	°C	ISO 306

Test specimen production

	Value	Unit	Test Standard
ISO Data			
Injection Molding, melt temperature	260	°C	ISO 294
Injection Molding, mold temperature	80	°C	ISO 294
Injection Molding, injection velocity	240	mm/s	ISO 294

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Features

Low Emission

Certifications

Recycled Resin Content, RoHS compliant

Applications

Electrical and Electronical

Regional Availability

Europe, Asia Pacific, South and Central America, Near East/Africa