

ELIX PC/ABS E-LOOP 5120 MR

PC/ABS blend, injection molding grade with excellent mechanical properties balance. Vicat B120 = 120°C

ISO 1043-1: PC(REC)+PC+ABS

Major Benefits

- Recycled material used in the formulation
- Reduced carbon footprint
- Equivalent properties to prime version
- High flow
- Very high impact
- Low emission grade

Chemical composition

Thermoplastic polymer blend based on polycarbonate (PC) and acrylonitrile-butadiene-styrene (ABS).

Typical properties*

Property	Test Condition	Standard	Unit	Value
			US Conventional	
Rheological properties				
Mechanical properties (23 °C/50 % r. h.)				
Thermal properties				
Other properties (23 °C)				
Processing conditions for test specimens				

*Control measurements in other places may issue different results due to influences of machinery, equipment, test method or storage conditions.

Disclaimer for sales products

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Test values

Unless specified to the contrary, the values given have been established on standardised test specimens at room temperature. The figures should be regarded as guide values only and not as binding minimum values. Kindly note that, under certain conditions, the properties can be affected to a considerable extent by the design of the mould/die, the processing conditions and the colouring.

Processing note

Under the recommended processing conditions small quantities of decomposition product may be given off during processing. To

preclude any risk to the health and well-being of the machine operatives, tolerance limits for the work environment must be ensured by the provision of efficient exhaust ventilation and fresh air at the workplace in accordance with the Safety Data Sheet. In order to prevent the partial decomposition of the polymer and the generation of volatile decomposition products, the prescribed processing temperatures should not be substantially exceeded. Since excessively high temperatures are generally the result of operator error or defects in the heating system, special care and controls are essential in these areas.

ELIX Polymers, S.L. - E-43006 Tarragona

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info@elix-polymers.com