

## POLICARBONATO NERO RIGENERATO

### MECHANICAL

Property	Value	Unit	Standard
Tensile elongation at yield (at break)	6	%	ISO 527
Tensile elongation at Break	>50	%	ISO 527
Flexural strength	>90	MPa	ISO 178
Elastic modulus	2300	MPa	ISO 527
Flexural modulus	2300	MPa	ISO 178
Izod notched impact strength +23 °C	10	KJ/m <sup>2</sup>	ISO 180
Rockwell hardness	M70	R-scale	ISO 2039-2
Tensile strength at yield (at break)	50		ISO 527
Izod impact strength unnotched at +23 °C	NB		ISO 180/1U

### PHISICAL

Property	Value	Unit	Standard
Density	1,20	g/cm <sup>3</sup>	ISO 1183

### THERMAL

Property	Value	Unit	Standard
Linear coefficient of thermal expansion (23-80 °C)	0,7	10 <sup>-4</sup> x K <sup>-1</sup>	ISO 11359-2
Vicat softening temperature B120	149	°C	ASTM D 2220
Heat deflection temperature	132	°C	DIN 53516