

## Verbatim 55154 3D printing material Polycarbonate (PC), Polymethyl methacrylate (PMMA) Neutral 500 g

**Brand :** Verbatim

**Product code:** 55154

**Product name :** 55154

- Combines the properties of Polycarbonate (PC) and Polymethacrylate (PMMA)
  - Excellent optical and mechanical properties
  - High heat, scratch and abrasion resistance
  - UV resistance
  - Environmentally friendly - BPA free and based on a renewable source (isosorbide)
  - Main applications: Concept modelling for the building, electrical and automotive industry
- 2.85 mm, PC/PMMA, 9 KJ/m2, Clear

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### Overview

Durabio is a bio-based polycarbonate resin developed as a glass substitute by Mitsubishi Chemical. Already adopted in the automotive and mobile phone industries for items such as touch screen, console and dashboard trims and exterior radiator grilles. Durabio has excellent durability with high heat, scratch and abrasion resistance and is made to high Japanese quality control as standard.

Verbatim 55154. Printing material: Polycarbonate (PC), Polymethyl methacrylate (PMMA), Printing colours: Neutral, Brand compatibility: Any brand. Weight: 500 g, Thickness: 2.85 mm. Quantity per pack: 1 pc(s), Package type: Box



Features		Features	
Printing material *	Polycarbonate (PC), Polymethyl methacrylate (PMMA)	Print temperature guideline	235 °C
Printing colours *	Neutral	Extrusion temperature	230 °C
Brand compatibility *	Any brand	<b>Weight &amp; dimensions</b>	
Impact strength	9 kJ/m <sup>2</sup>	Weight *	500 g
Tensile modulus	64 MPa	Thickness	2.85 mm
Flexural modulus	2100 MPa	<b>Packaging data</b>	
Flexural strength	94 MPa	Quantity per pack *	1 pc(s)
Elongation at break	130%	Package type	Box
Transparency	2%	<b>Logistics data</b>	
Specific gravity	1.31 g/cm <sup>3</sup>	Harmonized System (HS) code	84779080



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