



# Material data sheet – PC (C393)

General technical data

Type of material	Polycarbonate
Description	black recyclate (PC transparent possible)
Origin	ex automotive

Physical/mechanical properties

	Value	Unit	Test method
Purity	> 99.9	%	DFA, MIR
Dust/undersize	< 0.1	%	
Grain size	< 8.0	mm	EN ISO 3310
Tensile strength	61.8 – 62.5	Mpa	EN ISO 527-1/2
E-module	2271 – 2295	Mpa	
Charpy kerbs impact strength	9.4	kJ/m <sup>2</sup>	EN ISO 179-1
Residual moisture	< 0.25	%	EN ISO 15512
Density	1.19	g/cm <sup>3</sup>	EN ISO 1183
MFI (300 °C/1.2 kg)	13 – 17	g/10 min	EN ISO 1133
MFI string	even, black string		

Photo documentation



Disclaimer

This data sheet is intended for your personal use only. Guide values are given in this data sheet. These values can be influenced by processing conditions, modifications, material additives and environmental influences and do not exempt the user from carrying out his own tests and trials. The processing conditions influence the values to a large extent, therefore it is essential to test the material under conditions of use on the finished part. The values are compiled on the basis of current experience and knowledge. A legally binding assurance of certain properties or suitability for a specific application cannot be derived from our information. We reserve the right to change these values without prior notice. The recipient of our products is responsible for complying with all regulations.

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