

PCR Injection moulding grade

Features Partly based on Post Consumer Recycled material (PCR), Recycled raw material

Property	Value	Unit	Test method
PHYSICAL PROPERTIES			
MFI at 230°C/2,16kg	12	g/10min	ISO 1133
MECHANICAL PROPERTIES			
Flexural modulus at +23°C	1200	MPa	ISO 178
IMPACT PROPERTIES			
Impact strength	--	--	--
Notched Charpy at +23°C	6	kJ/m²	ISO 179/1eA
ADDITIONAL INFORMATION			
Filler content	<5	%	ISO 3451
PROCESS INSTRUCTIONS			
Processing conditions	--	--	--
Melt temperature	200 - 250	°C	--
Mould temperature	20 - 60	°C	--
Peripheral screw speed	600 - 750	mm/s	--
Back pressure	60 - 100	bar	--

Further material information is available upon request

Stated values in this datasheet are approximate. The values originate, if nothing else is stated, from standardized test specimens in natural color. All information, recommendations and advice, written or verbal, given by an individual company within, or agent affiliated with, The Polykemi Group are according to our knowledge to the date of this edition, correct and given in good faith. It is the responsibility of the customer to test and evaluate if the material suits the application and the environment in which it is intended to be used. Companies within, or agent affiliated with, The Polykemi Group can not be held responsible or liable for any loss incurred through incorrect or faulty use of the products. When producing details in flame retardant material, corrosion protected steel is to recommend for the mould. We takes no responsibility for any printing errors.

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