

## Technical Data Sheet

PCR PP EPDM Regranulate black ex. ELV  
bumpers

Product Code: 030701



**Description:** 030701 PP EPDM Regranulate black ex. ELV bumpers comes from post-consumer-recycling end-of-life-vehicle ELV vehicle bumpers in Europe and is suitable for injection moulding and compounding applications.

Physical Properties	Value	Units	Standard
Density	0.92 - 0.97	g/cm <sup>3</sup>	ISO 1183
MFR (230°C, 2.16kg)	6 - 12	g/10 min.	ISO 1133
Ash content	< 7.5	%	ISO 3451
Tensile stress at yield (50mm/min.)	≥ 15	N/mm <sup>2</sup>	ISO 527
Elongation at break (50mm/min.)	> 40	%	ISO 527
Flexural modulus (2mm/min.)	≥ 800	N/mm <sup>2</sup>	ISO 178
Izod notched impact strength	≥ 30	kJ/m <sup>2</sup>	ISO 180
Molding shrinkage	1.2 - 1.6	%	UNI 4285
Heat ageing	> 150	h	ISO 4577
Softening temperature Vicat B	≥ 50	°C	ISO 306
Heat deflection temperature HDT A	≥ 40	°C	ISO 75

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Processing Properties	Value	Units
Drying time	2 - 4	h
Drying temperature	80	°C
Injection temperature	210 - 240	°C
Tool temperature	30 - 60	°C
<p>We recommend to use the material within three months of the delivery date. The material must be stored in the original packaging, protected from moisture, sources of heat and oxidizing agents. Do not expose to atmospheric agents. Do not double stack.</p>		

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