

Technical Data Sheet

PCR PA6GF15 Regranulate Black

Product Code: 000126

Recycled Content: 85 % PCR (post-consumer)

Composition: 85 % PCR (post-consumer), 15 % virgin glass fibre

Product Description:

000126 PCR PA6GF15 Regranulate Black comes from post-consumer recycled and virgin materials in Asia and is suitable for injection moulding applications. The material is GRS certified.



Physical Property	Value	Units	Test Standard	Test Condition
Flexural Strength	154	MPa	ISO 178&GB/T 9341	2mm/min, average value
Density	1,221	kg/m ³	ISO 1183-1&GB/T 1033.1	immersion method, average value
Flexural Modulus	4435	MPa	ISO 178&GB/T 9341	2mm/min, average value
Tensile Strength	106	MPa	ISO 527&GB/T 1040	tensile speed 50mm/min, average value
Elongation at Break	6	%	ISO 527&GB/T 1040	tensile speed 50mm/min, average value
Flexural Deflection	10	mm	ISO 178&GB/T 9341	2mm/min, average value
MFR	15,3667	g/10 min	ISO 1133-1	preheat 5min, test temperature 250°C, load 2.16 kg, average value
Impact Strength	9,76	kJ/m ²	ISO 180&GB/T 1843	injection molded type A notch, 23°C, pendulum energy 2.75, average value
Energy Absorption	0,312	J	ISO 180&GB/T 1843	injection molded type A notch, 23°C, pendulum energy 2.75, average value

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