

Technical Data Sheet

PCR PA6GF30 Regranulate Black

Product Code: 000125

Recycled Content: 70 % PCR (post-consumer)

Composition: 70 % PCR (post-consumer), 30 % virgin glass fibre

Product Description:

000125 PCR PA6GF30 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	195	MPa	ISO 178&GB/T 9341	2mm/min, average value
Density	1.3085	g/cm ³	ISO 1183-1&GB/T 1033.1	Immersion method, average value
Flexural Modulus	6880	MPa	ISO 178&GB/T 9341	2mm/min, average value
Tensile Strength	128.6667	MPa	ISO 527&GB/T 1040	Tensile speed 50mm/min, average value
Elongation at Break	7	%	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	9.32	g/10 min	ISO 1133-1	Pre-heat 5min, test temperature 250°C, load 2.16 kg, average value
Impact Strength	15.42	kJ/m ²	ISO 180&GB/T 1843	Type A notch, 23°C, hammer energy 2.75, average value
Energy Absorption	0.4938	J	ISO 180&GB/T 1843	Type A notch, 23°C, hammer energy 2.75, average value

Disclaimer

This information contained herein is based on the data available to us and is believed to be correct. However, Sinox makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Each user of the products shall convince himself through all available sources (including finished product testing in its appropriate environment) of the suitability of the products supplied for its particular purpose.

