

# Technical Data Sheet

PCR PA6 Regranulate black

Product Code: 002402



**Description:** 002402 PA6 Regranulate black comes from 100% post-consumer-recycling materials in Asia. It is suitable for injection moulding and compounding applications.

Physical Properties	Value	Units	Standard
MFR (275°C, 5kg)	140.8	g/10 min.	ISO 1133
Density	1.134	g/cm <sup>3</sup>	ISO 1183
MVR (MFR/Density)	124.162	cm <sup>3</sup> /10 min.	ISO 1133
Ash content (800°C)	1.9	%	ISO 3451
Moisture content	0.32	%	ISO 62
Charpy notched impact strength (23°C, 4mm)	7.7	kJ/m <sup>2</sup>	ISO 179
Tensile strength (10mm/min.)	62.9	MPa	ISO 527
Elongation at break	14.3	%	ISO 527
Flexural strength	92.1	MPa	ISO 178
Flexural modulus	1884.2	MPa	ISO 178

Element	RoHs limit	Value	Result
Cr	1000	15	OK
Br	1000	19	OK
Cd	100	5	OK
Hg	1000	ND	OK
Pb	1000	2	OK

## Technical Data Sheet

Processing conditions			
Drying temperature		90°C, 2h	
Processing temperature		Typical °C	Range °C
Barrel Zone Temperature	Rear	240	240~245
	Center	245	245~250
	Front	250	250~255
Melt temperature		250	250~255
Mold temperature		120	110~120
Processing temperature limit		300	

### 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 this 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.