

Technical Data Sheet

PCR ABS Regranulate Grey

Product Code: 082903

Recycled Content: 100 % PCR (post-consumer)

Product Description:

082903 PCR ABS Regranulate Grey comes from post-consumer recycled materials in Europe and is suitable for injection moulding applications.



Physical Property	Value	Units	Test Standard	Test Condition
Charpy Impact Strength (unnotched)	23,48 ± 4,26	kJ/m ²	ISO 179-1:2010	Unnotched, pendulum 2 J
MFR	37,5 ± 2,70	g/10 min		Condition 8H, 220°C, 10 kg
Tensile Strength Rm	39,50 ± 1,35	MPa		Tensile speed 50 mm/min
Elongation at Break εb	6,56 ± 1,89	%		Tensile speed 50 mm/min
Moisture Content	max. 0,40	%		Drying at 80°C
Bulk Density	0,6 ± 0,05	g/cm ³		PN-EN ISO 60:2011
Granule Size	2,5 - 4,0	mm		Sieve analysis
Flexural Strength σ _M	64,2 ± 1,23	MPa		Static flexural test
Flexural Modulus E _f	2406,4 ± 1,30	MPa		Static flexural test

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.

