

environment matters

Plastic Black HIPS 4113

Technical Data Sheet

Are you
ready to make
the switch?

Plastic | Black HIPS 4113

Material	- Recycled Black PS - Injection/Extrusion Grade
General Information	- High Impact Polystyrene 93% post-consumer recycled content
Attributes	- Excellent dimensional stability - Good impact resistance - Tough & flexible - Even & consistent appearance
Packaging	1 tonne bulk bags or 25Kg sacks



Mechanical Properties

Mechanical Property	Test Method	Unit Measurement	Spec	
			Min	Max
Density	ISO 1183-1	g/cm ³	1.05	1.08
Melt Flow	ISO 1133 - 200°C, 5Kg	g/10min	5.0	9.0
Moisture	Enva (MS-70 Prog 2)	%	-	0.3
Izod Notched Impact Strength	ISO 180 / A	KJ/m ²	>6.5	
Elongation At Break	ISO 527-2	%	>22	
Bromine level	XRF-ppm	ppm	-	1000

Please note that the above information relates to average values obtained from various batches. Because of the nature of the source materials these values may vary. It is the customer's responsibility to optimise processing conditions and assure suitability for use in their own products. It is also advised that the material is pre dried prior to use.

Recycled plastic - a sustainable and cost effective alternative.

Contact us for further information on our range of plastic compounds:



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