

environment matters

# Plastic Black HIPS 4113

Technical Data Sheet

A red circular callout with a white border, containing white text. The background of the entire page is a close-up photograph of black plastic granules (HIPS 4113) scattered across a dark surface. The top half of the page is a green curved banner, and the bottom right corner features a red circle with white text.

Are you  
ready to make  
the switch?

# Plastic | Black HIPS 4113

<b>Material</b>	<ul style="list-style-type: none"> <li>Recycled Black PS</li> <li>Injection/Extrusion Grade</li> </ul>
<b>General Information</b>	<ul style="list-style-type: none"> <li>High Impact Polystyrene</li> <li>95% post-consumer recycled content</li> </ul>
<b>Attributes</b>	<ul style="list-style-type: none"> <li>Excellent dimensional stability</li> <li>Good impact resistance</li> <li>Tough &amp; flexible</li> <li>Even &amp; consistent appearance</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>1 tonne bulk bags or 25Kg sacks</li> </ul>



## Mechanical Properties

Mechanical Property	Test Method	Unit Measurement	Spec	
			Min	Max
Density	ISO 1183-1	g/cm <sup>3</sup>	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 <sup>2</sup>	>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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