

environment matters

# Plastic Grey HIPS 8209

Technical Data Sheet

Are you  
ready to make  
the switch?

# Plastic | Grey HIPS 8209

<b>Material</b>	<ul style="list-style-type: none"> <li>Recycled Grey PS</li> </ul>
<b>General Information</b>	<ul style="list-style-type: none"> <li>96% post consumer recycled content</li> <li>Injection &amp; extrusion grade</li> </ul>
<b>Attributes</b>	<ul style="list-style-type: none"> <li>Tough &amp; flexible</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>1 tonne bags</li> </ul>



## Mechanical Properties

Mechanical Property	Test Method	Unit Measurement	Spec	
			Min	Max
Density	ISO 1183-1	g/cm <sup>3</sup>	1.04	1.07
Melt Flow	ISO 1133 - 200°C, 5kg	g/10min	4.5	7.0
Moisture	Enva (MS-70 Prog 2)	%	-	0.3
Izod Notched Impact Strength	ISO 180 / A	KJ/m <sup>2</sup>	>8	
Elongation At Break	ISO 527-2	%	>35	
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:



**T. 01775 670226**  
**plastics@enva.com**

**Enva Plastics Limited**  
 Tunnel Bank Road, Bourne, Lincs, PE10 0DJ