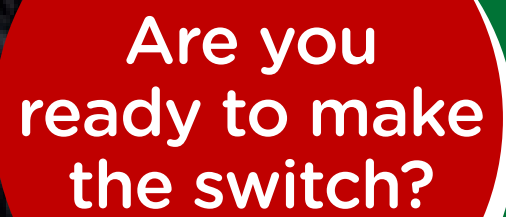


environment matters

Plastic HIPS RP002

Technical Data Sheet

A red circular callout with a white border is positioned in the lower right area of the page. It contains the text "Are you ready to make the switch?" in white, bold, sans-serif font. The background of the lower half of the page is a close-up photograph of numerous black, cylindrical plastic pellets, which are the raw material for HIPS (High Impact Polystyrene).

Are you
ready to make
the switch?

Plastic | HIPS RP002

Material	<ul style="list-style-type: none"> Recycled Black HIPS Injection/Extrusion Grade
General Information	<ul style="list-style-type: none"> High Impact Polystyrene 98% post-consumer recycled content
Attributes	<ul style="list-style-type: none"> Excellent dimensional stability Good impact resistance Tough & flexible
Packaging	<ul style="list-style-type: none"> 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	1.04	1.07
Melt Flow	ISO 1133 - 200°C, 5Kg	g/10min	5	9
Izod Notched Impact Strength	ISO 180 / A	KJ/m ²	6	-
Elongation At Break	ISO 527-2	%	22	-

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