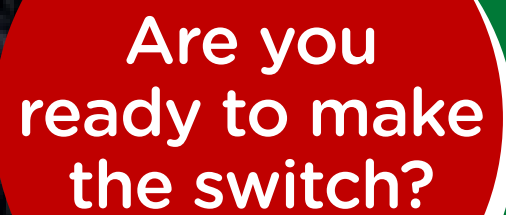


environment matters

# Plastic | ABS RP001

Technical Data Sheet

A red circular callout with a white border is positioned in the lower right quadrant of the page. It contains the text "Are you ready to make the switch?" in white, bold, sans-serif font. The background of the page is a close-up photograph of black plastic pellets, which are visible through the green curved shape and the red callout.

# Material | ABS RP001

<b>Material</b>	<ul style="list-style-type: none"> <li>Recycled Black ABS</li> <li>10+ Impact</li> <li>Injection Grade</li> </ul>
<b>General Information</b>	<ul style="list-style-type: none"> <li>100% Post-Consumer Recycled Acrylonitrile</li> <li>Butadiene Styrene</li> </ul>
<b>Attributes</b>	<ul style="list-style-type: none"> <li>Even and consistent appearance</li> <li>Good ease of process</li> <li>Strong and durable</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>1 tonne bulk bags or 25kg sacks</li> </ul>



## Mechanical Properties

Property	Test Method	Unit Measurement	Spec	
			Min	Max
Density	ISO 1183-1	g/cc	1.05	1.08
Melt Flow	ISO 1133 - 200C, 10KG	g/10min	25	35
Izod Notched Impact Strength	ISO 180 / A	KJ/m2	10	14
Elongation At Break	ISO 527-2	%	8	14

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.

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

Recycled plastic - a sustainable and cost effective alternative

**T. 01775 670226**

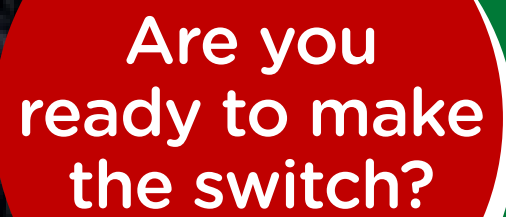
**plastics@enva.com**

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Tunnel Bank Road, Bourne, Lincs, PE10 0DJ

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# Plastic | ABS RP002

Technical Data Sheet

A red circular callout with a white border is positioned in the lower right quadrant of the page. It contains the text "Are you ready to make the switch?" in white, bold, sans-serif font. The background of the page is a close-up photograph of black plastic pellets, which are visible through the green curved shape and the red callout.

# Material | ABS RP002

<b>Material</b>	<ul style="list-style-type: none"> <li>Recycled Black ABS</li> <li>14+ Impact</li> <li>Injection Grade</li> </ul>
<b>General Information</b>	<ul style="list-style-type: none"> <li>100% Post-Consumer Recycled Acrylonitrile</li> <li>Butadiene Styrene</li> </ul>
<b>Attributes</b>	<ul style="list-style-type: none"> <li>Even and consistent appearance</li> <li>Good ease of process</li> <li>Strong and durable</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>1 tonne bulk bags or 25kg sacks</li> </ul>



## Mechanical Properties

Property	Test Method	Unit Measurement	Spec	
			Min	Max
Density	ISO 1183-1	g/cc	1.05	1.08
Melt Flow	ISO 1133 - 200C, 10KG	g/10min	20	30
Izod Notched Impact Strength	ISO 180 / A	KJ/m2	14	+
Elongation At Break	ISO 527-2	%	10	18

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.

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

Recycled plastic - a sustainable and cost effective alternative

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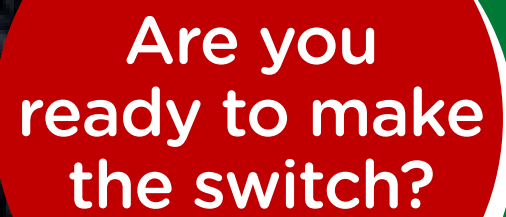
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# Plastic | ABS RP003

Technical Data Sheet

A red circular callout with a white border is positioned in the lower right quadrant of the page. It contains the text "Are you ready to make the switch?" in a white, sans-serif font. The background of the page is a close-up photograph of black plastic granules, which are visible in the lower half of the image.

# Material | ABS RP003

<b>Material</b>	<ul style="list-style-type: none"> <li>Recycled Black ABS</li> <li>8-12 Impact</li> <li>Injection Grade</li> </ul>
<b>General Information</b>	<ul style="list-style-type: none"> <li>100% Post-Consumer Recycled Acrylonitrile</li> <li>Butadiene Styrene</li> </ul>
<b>Attributes</b>	<ul style="list-style-type: none"> <li>Even and consistent appearance</li> <li>Good ease of process</li> <li>Strong and durable</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>1 tonne bulk bags or 25kg sacks</li> </ul>



## Mechanical Properties

Property	Test Method	Unit Measurement	Spec	
			Min	Max
Density	ISO 1183-1	g/cc	1.05	1.08
Melt Flow	ISO 1133 — 200C, 10KG	g/10min	25	35
Izod Notched Impact Strength	ISO 180 / A	KJ/m2	8	12
Elongation At Break	ISO 527-2	%	8	14

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.

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

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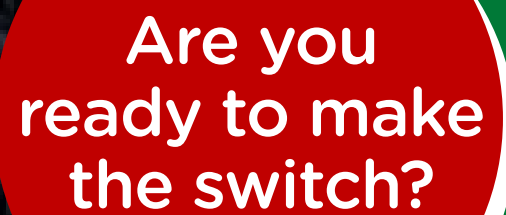
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# Plastic | FPP RP001

Technical Data Sheet

A red circular callout with a white border is positioned on the right side of the page, overlapping the green background and the plastic granules. It contains the text "Are you ready to make the switch?" in white, bold, sans-serif font.

Are you  
ready to make  
the switch?



# Material | FPP RP001

<b>Material</b>	<ul style="list-style-type: none"> <li>• Recycled Black PP, 20%</li> <li>• Calcium carbonate filled</li> <li>• Injection/extrusion grade</li> </ul>
<b>General Information</b>	<ul style="list-style-type: none"> <li>• Recycled black PP co-polymer</li> </ul>
<b>Attributes</b>	<ul style="list-style-type: none"> <li>• Even and consistent appearance</li> <li>• Good resistance to fatigue</li> <li>• Tough and flexible</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>• 1 tonne bulk bags</li> </ul>



## Mechanical Properties

Mechanical Property	Test Method	Unit Measurement	Spec	
			Min	Max
Density	ISO 1183-1	g/cc	1.05	1.07
Melt Flow	ISO 1133 - 230C, 2.16KG	g/10min	7	12
Izod Notched Impact Strength	ISO 180 / A	KJ/m2	6	12
Elongation At Break	ISO 527-2	%	20	30

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.

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

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**plastics@enva.com**

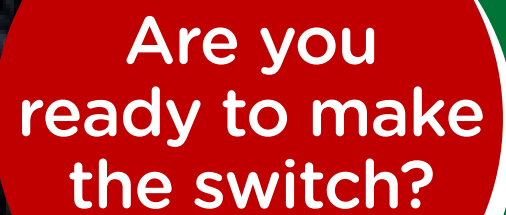
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# Plastic | HIPS RP001

Technical Data Sheet

A red circular callout with a white border is positioned in the lower right quadrant of the page. It contains the text "Are you ready to make the switch?" in a white, bold, sans-serif font. The background of the page is a close-up photograph of black plastic pellets, which are visible through the green curved shape and the red callout.

# Material | HIPS RP001

<b>Material</b>	<ul style="list-style-type: none"> <li>Recycled black HIPS</li> <li>Injection/Extrusion Grade</li> </ul>
<b>General Information</b>	<ul style="list-style-type: none"> <li>Recycled black Polystyrene Co-polymer- HIPS</li> </ul>
<b>Attributes</b>	<ul style="list-style-type: none"> <li>Good surface finish</li> <li>Tough &amp; flexible</li> <li>Good flow and softening point</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>1 tonne bulk bags or 25kg sacks</li> </ul>



## Mechanical Properties

Property	Test Method	Unit Measurement	Spec	
			Min	Max
Density	ISO 1183-1	g/cc	1.02	1.06
Melt Flow	ISO 1133 - 200C, 5KG	g/10min	5	8
Izod Notched Impact Strength	ISO 180 / A	KJ/m2	5	7
Elongation At Break	ISO 527-2	%	23	33

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.

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

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# Plastic | HIPS RP002

Technical Data Sheet



Are you  
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the switch?

# Material | HIPS RP002

<b>Material</b>	<ul style="list-style-type: none"> <li>Recycled black HIPS</li> <li>Injection/Extrusion Grade</li> </ul>
<b>General Information</b>	<ul style="list-style-type: none"> <li>Recycled black Polystyrene Co-polymer- HIPS</li> </ul>
<b>Attributes</b>	<ul style="list-style-type: none"> <li>Good surface finish</li> <li>Tough &amp; flexible</li> <li>Good flow and softening point</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>1 tonne bulk bags or 25kg sacks</li> </ul>



## Mechanical Properties

Property	Test Method	Unit Measurement	Spec	
			Min	Max
Density	ISO 1183-1	g/cc	1.02	1.06
Melt Flow	ISO 1133 - 200C, 5KG	g/10min	5	8
Izod Notched Impact Strength	ISO 180 / A	KJ/m2	5	7
Elongation At Break	ISO 527-2	%	23	33

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.

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

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**T. 01775 670226**

**plastics@enva.com**

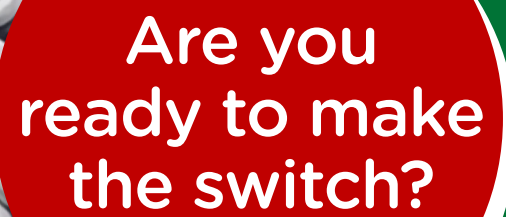
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# Plastic Grey HIPS RP003

Technical Data Sheet

A red circular callout with a white border is positioned on the right side of the page. It contains the text "Are you ready to make the switch?" in white, bold, sans-serif font. The background of the callout is a solid red color.

**Are you  
ready to make  
the switch?**

# Plastic | Grey HIPS RP003

<b>Material</b>	<ul style="list-style-type: none"> <li>Recycled grey HIPS</li> <li>Injection/Extrusion Grade</li> </ul>
<b>General Information</b>	<ul style="list-style-type: none"> <li>Recycled grey Polystyrene Co-polymer- HIPS</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> </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/cc	1.04	1.08
Melt Flow	ISO 1133 - 200C, 5KG	g/10min	5	9
Izod Notched Impact Strength	ISO 180 / A	KJ/m2	≥6	
Elongation At Break	ISO 527-2	%	25	35

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.

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



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# Plastic | PP RP004

Technical Data Sheet

Are you  
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the switch?



# Material | PP RP004

<b>Material</b>	<ul style="list-style-type: none"> <li>• Recycled Black PP</li> <li>• Injection/Extrusion Grade</li> </ul>
<b>General Information</b>	<ul style="list-style-type: none"> <li>• Recycled Black PP Co-polymer</li> </ul>
<b>Attributes</b>	<ul style="list-style-type: none"> <li>• Even and consistent appearance</li> <li>• Good ease of process</li> <li>• Strong and durable</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>• 1 tonne bulk bags or 25kg sacks</li> </ul>



## Mechanical Properties

Property	Test Method	Unit Measurement	Spec	
			Min	Max
Density	ISO 1183-1	g/cc	0.91	0.93
Melt Flow	ISO 1133 — 200C, 10KG	g/10min	8	12
Izod Notched Impact Strength	ISO 180 / A	KJ/m2	8	12
Elongation At Break	ISO 527-2	%	60	100

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.

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

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**plastics@enva.com**

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