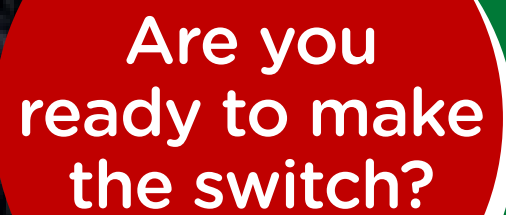


environment matters

Plastic | ABS 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
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the switch?

Material | ABS RP001

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



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

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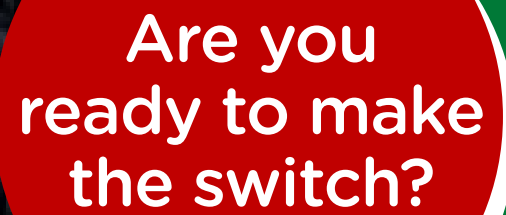
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Plastic | ABS RP002

Technical Data Sheet

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Material | ABS RP002

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



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.

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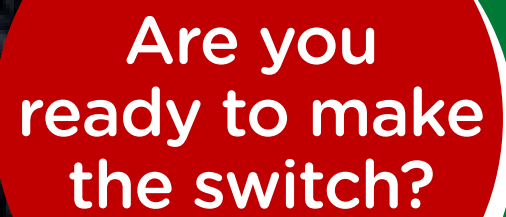
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Plastic | ABS RP003

Technical Data Sheet

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Material | ABS RP003

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



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.

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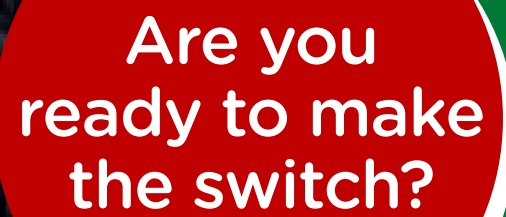
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Plastic | FPP RP001

Technical Data Sheet

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Material | FPP RP001

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



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.

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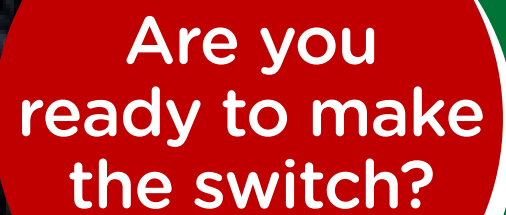
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Plastic | HIPS RP001

Technical Data Sheet

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Material | HIPS RP001

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



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.

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Plastic | HIPS RP002

Technical Data Sheet

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Material | HIPS RP002

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



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.

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Plastic | HIPS RP003

Technical Data Sheet



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Material | HIPS RP003

Material	<ul style="list-style-type: none"> Recycled grey HIPS Injection/Extrusion Grade
General Information	<ul style="list-style-type: none"> Recycled grey Polystyrene Co-polymer- HIPS
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/cc	1.02	1.06
Melt Flow	ISO 1133 - 200C, 5KG	g/10min	5	9
Izod Notched Impact Strength	ISO 180 / A	KJ/m2	6	9
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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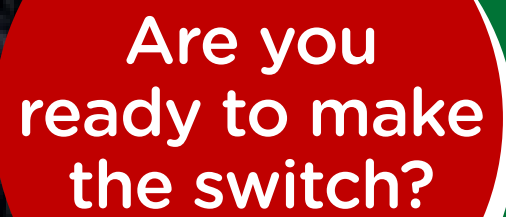
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Plastic | PP RP004

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Material | PP RP004

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



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

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