

environment matters

# Plastic White HIPS 8513

Technical Data Sheet

Are you  
ready to make  
the switch?

# Plastic | White HIPS 8513

|                     |   |
|---------------------|---|
| Material            | <ul style="list-style-type: none"> <li>Recycled White PS</li> </ul>   |
| General Information | <ul style="list-style-type: none"> <li>93% post-consumer recycled content</li> <li>Injection grade</li> </ul> |
| Attributes          | <ul style="list-style-type: none"> <li>Tough &amp; flexible</li> </ul>  |
| Packaging           | <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> | 1.05 | 1.08 |
| Melt Flow                    | ISO 1133 - 200°C, 5kg | g/10min           | 4.0  | 8.0  |
| Moisture                     | Enva (MS-70 Prog 2)   | %                 | -    | 0.3  |
| Izod Notched Impact Strength | ISO 180 / A           | KJ/m <sup>2</sup> | >9   |      |
| Elongation At Break          | ISO 527-2             | %                 | >40  |      |
| 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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