

# TECHNICAL DATA SHEET



GENERAL INDUSTRIES  
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## rPS57BK

### SPECIFICATIONS



|           |                                |
|-----------|--------------------------------|
| MATERIAL  | PS                             |
| COLOR     | BLACK                          |
| REFERENCE | rPS57BK                        |
| PACKAGING | BIG BAG ON PALLET              |
| ORIGIN    | 97% FROM POST CONSUMER PLASTIC |

For specific recycled content %, please contact us. We can achieve 100% recycled content.  
Recycled content depending on product grades and can change due to new guidelines, operating conditions, suppliers and availability of raw materials.



| PROPERTIES             | ISO STANDARDS | VALUES  | UNIT    |
|------------------------|---------------|---------|---------|
| MFI<br>200°/5KG        | ISO 1133      | [3 ; 5] | g/10min |
| Flexural modulus       | ISO 178       | 1800    | Mpa     |
| IZOD<br>notched at 23° | ISO 180/1A    | 6       | kJ/m2   |
| Density                | ISO 1183      | 1.04    | g/cm3   |

### PROCESSING INFORMATION

**Pre-Drying:** hot air or desiccant  
**Drying temperature:** 80°C  
**Drying time:** 2-4H

#### Injection Molding

**Melt Temperature Range** 210-230°C  
**Recommended Melt Temperature** 215°C  
**Mold Temperature Range** 50-70°C  
**Recommend Mold Temperature** 60°C

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 materials be pre-dried prior to use.