

## rPP-004

Product data sheet:  
Polypropylene Bottle Flake**Product life cycle:**

rPP-004 is a recycled polypropylene sourced from high quality primary manufacturing, which produces a consistent multi application injection grade polymer.

rPP-004 is typically sourced from the UK based food and packaging manufacturing sector. rPP-004 is segregated, washed, processed and packaged at our UK facility.

rPP-004 has a typical chip size of 12mm and is transported in 1 tonne bulk bags. rPP-004 is sold as jazz (mixed colour).

**Product performance characteristics**

Product type: rPP-004 Polypropylene Bottle Flake

MFR 230°C / 2.16 kg	ISO 1133	2.56 g/10min
Density	ISO 1183	0.908 g/cm <sup>3</sup>
Tensile strength (@ 23°C)		
Modulus	ISO 527	458 ± 68 MPa
Strength		18.2 ± 1.0 MPa
Elongation		18 ± 1 %
Flexural (@ 23°C)		
Modulus	ISO 178	1136 ± 34.4 MPa
Strength		28.3 ± 1.55 MPa
IZOD Impact Strength (@ 23°C)	ISO 180	9.67 ± 0.6 kJ/m <sup>2</sup>

**Tested in accordance with non-packaging protocols BS EN 15345:2007 PP**

The values and information given are only intended to act as guide information. Product performance can not be guaranteed or any warranty offered. It is the purchaser's responsibility to ensure the suitability of the material for the end application.

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