PP SPECIFICATIONS

PP Flake material is commonly referred to as "bottle flake" and is produced from PCR (post-consumer recyclate) material.

FLAKE SPECIFICATION:

Product description:	PP flakes from post-consumer packaging (pots, tubs, trays)
Packaging:	1,000 kg woven bags.
Colour:	Jazz
Melt Flow Index (dg min-1)	2 -16 dg min-1
Moisture Content (% wt/wt)	<0.2
Tensile Modulus (MPa)	1200 - 1500 MPa
Yield Force (MPa)	850 - 1000 MPa
Yield Stress (MPa)	27 - 30 MPa
Yield Strain (%)	< 10 %
Break Strain (%)	15 – 25 %
Flexural Modulus (MPa)	1200 - 1600 MPa
Flexural Stress @ Max (MPa)	35 - 50 MPa
Deformation @ Max (MPa)	5 – 9 %
PP content (%)	> 96%
Izod Impact Strength (kJ m-2)	> 5 kJ m-2
Off spec material may also be considered. Any variation from spec must be communicated clearly and in writing prior to purchase.	