

# AXPLAS®

PS14 0000 - Clean mixed plastic chip

**Description:**

PS14 series of clean, mixed granular chips offers a low-cost option for manufacturers to add post-consumer polymers to a wide range of products. The polymers PP, PS and SBS are the primary parts of the mix (SBS is a type of synthetic elastomer).

The table of physical properties indicates typical values obtained from compounding the material as 100% PS14 resin. Users may find additional benefits by blending the Axplas chips in various ratios with other plastics raw materials or waste streams.

**Source:**

Unique separation and sorting technologies allows Axplas® PS14 resin to be produced from post consumer coat hangers. All production batches are traceable back to the origin of raw material as part of the certified manufacturing process.

**Quality Control:**

Every tonne of every batch is made under our strict quality control procedures and is consistently free from metal and other contaminants

**Environment:**

Produced from 100% post-consumer raw materials, this product fits closely with Axion's other recycled resin grades and offers the same set of user benefits, including:

- Huge savings in CO<sub>2</sub> impact
- Appeals to 'greener' customers
- Cost-down on raw material
- Saves the Planet!

Axplas® is available in 1 tonne polyester big bags on a pallet, other formats possible on request.

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Notes: All grades are assessed to ISO Standards and are REACH ready.



PARAMETER	TYPICAL PROPERTIES
MFI (5 kg @ 200°C)	8 g / 10 mins
Density	1.14 g / cm <sup>3</sup>
Tensile Strength	30 MPa
Impact	5 kJ / m <sup>2</sup>
Moisture	0.17%
Elongation@break	20%
Particle size	5 mm
Typical mix of polymer types- mass % (values may vary)	PS - 45% PP - 35% SBS - 5% Other - 5% (Can vary +/- 5%)

