

Case Study:

Achieving a carbon reduction label for Axpoly PS13 recycled polymer

Client:

Axion Polymers

Challenge:

- To calculate the carbon footprint of 100% recycled, high impact polystyrene material Axpoly PS13 derived from retail packaging waste
- To obtain a fully certified, PAS2050 compliant carbon reduction label for Axpoly PS13

Axion Solution:

- Axion staff undertook Carbon Trust Footprint Expert™ software training, gaining full accreditation
- Completed a full 'cradle to gate' lifecycle analysis on Axion Polymers' operations and those of its raw material supplier
- Calculated carbon footprint of Axpoly PS13 according to PAS2050 standards, working with the Carbon Trust to achieve full certification

Results:

- Gained the first Carbon Trust certified carbon reduction label for a polymer in Europe
- Committed to a further reduction in carbon emissions associated with Axpoly PS13 within 2 years
- Now calculating carbon footprints for other products in the range
- Axion listed as a 'Footprint Expert™ Registered Consultant' and can provide a service helping other companies to calculate the carbon footprint of a product or process



This label appears on a 1 tonne bag of Axpoly PS13

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