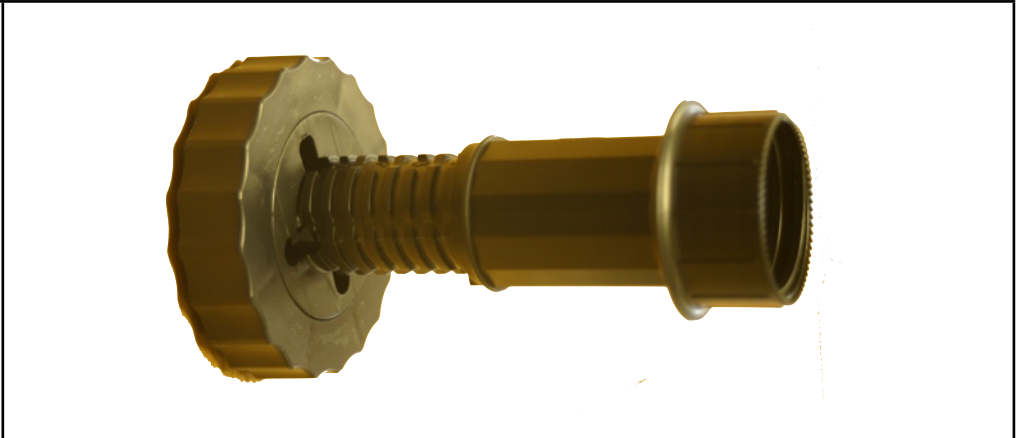


Material:	Axpoly® PS02 impact modified polystyrene	form:	updated:	ref:
		Pellets	27 Mar 2009	MI Card 2

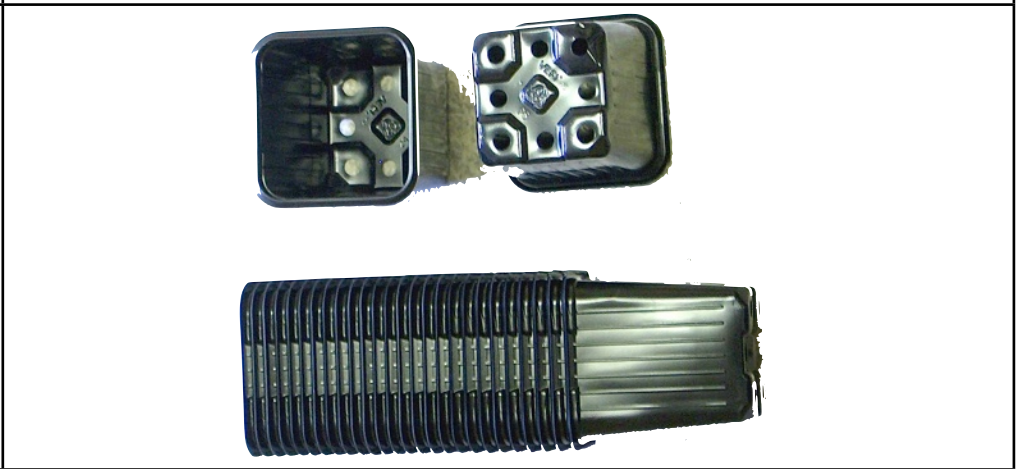
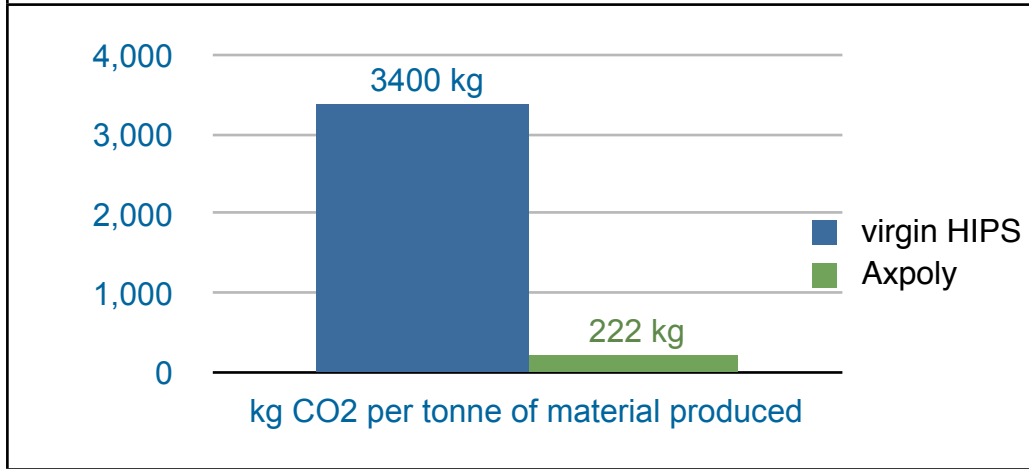
Benefits:	Examples:
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- 100% post-consumer recycled polymer (recovered from television casings)
 - 93% less CO₂ impact compared with virgin*
 - Successfully replaces virgin grade resin
 - ISO9000 quality certified
 - Available in black/grey
 - Cost savings compared with virgin polymer grades
- * As detailed in Axion's report 'Carbon Footprint Evaluation of Recycled HIPS' August 2008. Calculation made using data provided by WRAP and Plastics Europe.



Below: Graph comparing CO₂ impact of virgin HIPS versus Axpoly

Above: Kitchen cabinet leg made from Axpoly
Below: Horticultural pots made from Axpoly



Pricing and availability

Price range:
15-25% cost saving against
virgin grades*

* price varies
according to
quantity and
payment terms.



Same day
dispatch
available on
material in stock.



Minimum order:
1 tonne

Smaller quantities
and 25 kg samples
available on
request.



Complete shipment:
22-24 tonnes

Factory capacity:
700 tonnes per
month



Technical specification

Parameter	ISO	Spec		Typical Properties
		Min	Max	
MFI (5kg @200°C)	1133	5	9	7g/10 mins
Density	1183-1	1.02	1/06	1.03g cm ³
Tensile Strength	527 - 1/2	18	27	23 MPa
Impact	180	6*	16*	8 - 14 kj/m ² *
moisture	%	<0.25%		0.17%
Elongation @break	527 - 1/2	25%	50%	35%
Pellet size	mm	2mm	4mm	3mm

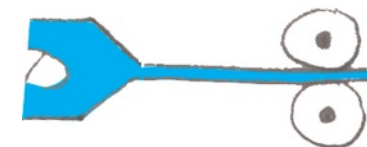
Assessed to ISO standards and REACH ready

* depending on grade

Processes and applications

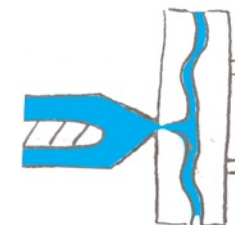
Previous applications:

- fax machine paper rolls
- horticultural pots
- kitchen cabinet legs
- office in-trays



EXTRUDE

Axpoly PS02 polystyrene can be used
for a number of complex parts or products.



INJECTION MOULD

Supplier contact details

Call our friendly sales team to discuss your application requirements
and for an up-to-date quote.

Tel: Keith, Laura or Edyta on +44 161 737 6124

Email: info@axionpolymers.co.uk



WINNER



www.axionpolymers.com