



## AXPOLY® HIPS52 1009

Product information sheet: Black HIPS resin grade

**Description:** A black, high impact polystyrene (HIPS) grade for moulded products where strength and durability are key. Typical examples are spools, reels, coat hangers and fixings.

### Product physical properties

Product grade: Axpoly® HIPS52 1009

Test parameter	ISO standard	Mean value	Units
MFI (10 kg @ 220°C)	1133	23	g/10mins
Density	1183 -1	1.078	g/cm <sup>3</sup>
Tensile strength	527 - 1/2	33	MPa
Impact strength	180	5.6	kJ/m <sup>2</sup>
Elongation @ break	527 - 1/2	18	%
Flexural Modulus	178	2400	MPa

**Please note** this polymer is not approved for use in food, medical or toy applications.



[www.axiongroup.co.uk/AxpolyHIPS](http://www.axiongroup.co.uk/AxpolyHIPS)

Indigo Street, Off Langley Road South, Salford. M6 6RX  
 Tel. +44 161 737 6124  
 E. [info@axionpolymers.com](mailto:info@axionpolymers.com)