

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	30	g/10mins
Density	1183 -1	1.08	g/cm ³
Tensile strength	527 - 1/2	31	MPa
Impact strength	180	8	kJ/m ²
Elongation @ break	527 - 1/2	11	%
Flexural Modulus	178	2530	MPa

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



www.axiongroup.co.uk/AxpolyHIPS

Indigo Street, Off Langley Road South, Salford. M6 6RX
Tel. +44 161 737 6124
E. info@axionpolymers.com