

ATTITUDE LIFE SCIENCE PRODUCTS (PVT.) LIMITED

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PRODUCT DATA-SHEET

Material :	HIPS
Colour :	Black
Grade	Modified HIPS

Typical Properties of Modified HIPS

Sr. No.	Property	Test Standard	Unit	*Typical Value
1	MFI @ 200°C/5 Kg	ASTM D 1238	gm/10 min.	8.4
2	Tensile strength @ yield	ASTM D 638 M	kg/cm ²	245.5
3	Elongation at Break	ASTM D 638 M	%	9.6
4	Flexural modulus	ASTM D 790	Mpa	3076.5
6	Flexural Strength	ASTM D 790	kg/cm ²	420
6	Specific gravity	ASTM D 792	-	1.067
7	Notched Izod Impact	ASTM D 256	kg.cm.cm/cm	4.6
8	HDT @ 4.6 Mpa	ASTM D 648	°C	115

Note : 1) The above test results were obtained from injection moulded samples made as per relevant ASTM Standard

2) Please pre-dry the material at 85 °C for about 2 hour.

Disclaimer:

The above test results are obtained under specific conditions and methods as per standard operating procedure. There is no guarantee that the same results would be reproduced if it is tested elsewhere.

*** Typical values with injection moulded specimens, not to be taken as specification**