

## **ATTITUDE LIFE SCIENCE PRODUCTS (PVT.) LIMITED**

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### **PRODUCT DATA-SHEET**

<b>Material :</b>	HIPS (FR-V2)
<b>Colour :</b>	Black
<b>Grade</b>	HIPS FR V2- UL 94

### **Typical Properties of HIPS FR V2-UL 94**

Sr. No.	Property	Test Standard	Unit	*Typical Value
1	MFI @ 200°C/5 Kg	ASTM D 1238	gm/10 min.	8 to 10
2	Tensile strength @ yield	ASTM D 638 M	kg/cm <sup>2</sup>	250 to 260
3	Flexural modulus	ASTM D 790	Mpa	2700 to 3000
4	Specific gravity	ASTM D 792	-	1.160 Min.
5	Notched Izod Impact	ASTM D 256	kg.cm/cm	5 to 8
6	HDT @ 4.6 Mpa	ASTM D 648	°C	85 Min.
7	Flammability	UL-94	-	V2

**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