

## ATTITUDE LIFE SCIENCE PRODUCTS (PVT.) LIMITED

Gate No. 1083, Village Markal, Taluka Rajgurunagar, Pune 412105

Ph No. : (02135) 662403/662404, Alspl@gmail.com

### PRODUCT DATA-SHEET

<b>Material :</b>	HIPS (FR-V0)
<b>Colour :</b>	Black
<b>Grade</b>	HIPS FR V0- UL 94

### **Typical Properties of HIPS FR V0-UL 94**

Sr. No.	Property	Test Standard	Unit	*Typical Value
1	MFI @ 200°C/5 Kg	ASTM D 1238	gm/10 min.	9 to 11
2	Tensile strength @ yield	ASTM D 638 M	kg/cm <sup>2</sup>	220 to 230
3	Elongation @ break	ASTM D 638 M	%	25 to 30
4	Flexural modulus @ 15 mm/min	ASTM D 790	Mpa	2800 to 3000
5	Flexural strength @ 15 mm/min	ASTM D 790	Mpa	48-49
6	Specific gravity	ASTM D 792	-	1.155-1.165
7	Notched Izod Impact @ RT	ASTM D 256	kg.cm/cm	6 to 8
8	HDT @ 4.6 Mpa	ASTM D 648	°C	78 to 80
9	Flammability	UL-94	-	V0

**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