

ATTITUDE LIFE SCIENCE PRODUCTS (PVT.) LIMITED

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PRODUCT DATA-SHEET

Material :	PPTF 40%
Colour :	Black
Grade	ALSPLENE40BLK

Typical Properties of ALSPLENE40BLK

Sr. No.	Property	Test Standard	Unit	*Typical Value
1	Specific Gravity	ASTM D 792	NA	1.225
2	MFI @ 230°C/2.16 Kg	ASTM D 1238	gm/10 min.	10.4
3	Tensile strength @ yield	ASTM D 638 M	kg/cm ²	215
4	Elongation @ Yield	ASTM D 638 M	%	5.2
5	Flexural modulus	ASTM D 790	kg/cm ²	27,000
6	Flexural Strength	ASTM D 790	Mpa	30
7	Notched Izod Impact	ASTM D 256	kg.cm.cm/cm	7.6
8	Heat Deflection Temperature	ASTM D 648	°C	137
9	Ash content	ASTM D 5630	%	40.8
10	Colour Difference	CIE	dE	0.129

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