

Sample: Polypropylene Black Granules

S.No.	Name of the Test	Test Method	Unit	Test Value
1	Melt Flow Index	ASTM D 792	g/cc	0.905
2	Ash content at 850°C	ASTM D 5630	%	0.19
3	MFI @ 2.16 kg load at 230°C	ASTM D 1238	g/10min	4.09
4	Tensile Strength at Yield	ASTM D 638	N/mm ²	20.87
5	Tensile Strength at Break	ASTM D 638	N/mm ²	27.87
6	Flexural Modulus	ASTM D 790	N/mm ²	619.00
7	Izod Impact Strength	ASTM D 256	kJ/mm ²	47.22
8	Heat Deflection Temp.	ASTM D 648	°C	86.7

Sample: HDPE Graules

S.No.	Name of the Test	Test Method	Unit	Test Value
1	Melt Flow Index	ASTM D - 1238	Gms/10 Min	6-8
2	Density	ASTM D - 1505	Gm/Cm ³	0.930-0.990
3	Tensile Strength @ yield	ASTM D - 638	Kg/Cm ²	Min 220.00
4	Notched Izod Impact	ASTM D - 256	KgCm/Cm	Min 9.00
5	Head Deflection Temperature	ASTM D - 684	°C	Min 95
6	Filler Content	ASTM D - 5630	%	Max 1.00