M26500

LINEAR LOW DENSITY POLYETHYLENE

HIGH FLOW GRADE

M 26500 is a butene comonomer based Linear Low Density grade with narrow molecular weight distribution and optimum levels of antioxidants. It offers excellent processability and is mainly recommended for preparing masterbatch. This grade can also be used for producing injection moulded lids, containers, houseware & general purpose articles as it exhibits good flexibility, low warpage and good fluidity.

Typical Characteristics*			
Property	**Test Method**	**Unit**	**Typical Value****
Density (23°C)	ASTM D1505	g/cc	0.926
MFI (190°C/2.16 Kg)	ASTM D1238	g/10 min	50
Tensile Yield Strength	ASTM D638	MPa	11.5
Elongation at Break	ASTM D638	%	600
Flexural Modulus	ASTM D790	MPa	250
Softening Point	ASTM D1525	°C	97

*Typical Characteristics and not to be taken as specifications
**Mechanical Properties are on Injection Moulding Specimen

Applications

Masterbatches, shopping baskets, lids, hot melt adhesives, powder coating.

Regulatory Information

- Meets the requirements stipulated in standard IS : 10146-1982 on "Specification for Polyethylene for safe use in contact with foodstuffs, pharmaceuticals, and drinking water". It also conforms to the positive list of constituents as prescribed in IS : 10141-1982. The grade and the additives incorporated in it also comply with the FDA:CFR Title 21,177.1520, Olefin polymers.

Storage Recommendations

- Bags should be stored in dry / closed conditions at temperatures below 50°C and protected from UV / direct sunlight.

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