

# RELENE® M26500

Linear Low Density Polyethylene  
Reliance Industries Limited

Message:

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.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Butene Comonomer		
	Food Contact Acceptable		
	General Purpose		
	Good Flexibility		
	Good Processability		
	High Flow		
	Low Warpage		
	Narrow Molecular Weight Distribution		
Uses	Adhesives		
	Containers		
	General Purpose		
	Household Goods		
	Lids		
	Masterbatch		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10141-1982		
	IS 10146-1982		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	11.5	MPa	ASTM D638
Tensile Elongation (Break, Injection Molded)	600	%	ASTM D638
Flexural Modulus (Injection Molded)	250	MPa	ASTM D790

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	97.0	°C	ASTM D1525

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Recommended distributors for this material


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WECHAT