

RECLAIR® M 24300

Linear Low Density Polyethylene
Reliance Industries Limited

Message:

Reclair M 24300, is a Butene comonomer based linear low density grade with narrow molecular weight distribution and optimum levels of antioxidants. It offers good fluidity and excellent processability and is mainly recommended for preparing masterbatches. It can be also used for producing injection moulded lids, containers, houseware and general purpose articles as this grade exhibits good flexibility and low warpage.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Flexibility		
	Good Processability		
	High Flow		
	Low Warpage		
	Narrow Molecular Weight Distribution		
Uses	Containers		
	General Purpose		
	Household Goods		
	Lids		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	30	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (Injection Molded, F0)	3.00	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	10.5	MPa	ASTM D638
Tensile Elongation (Break, Injection Molded)	700	%	ASTM D638
Flexural Modulus (Injection Molded)	325	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ASTM D1525

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

