

Riblene® MR 30

Low Density Polyethylene

Versalis S.p.A.

Message:

Riblene MR 30 is a low density polyethylene resin (LDPE) characterized by a high flowability and a medium rigidity.

Parts made by Riblene MR 30 are characterised by good mechanical and optical properties.

Main Application

Riblene MR 30 is ideal for injection moulding applications. Riblene MR 30 is recommended for houseware, high gloss toys and low thickness articles.

Because of its fluidity, Riblene MR 30 is also recommended for masterbatches production.

General Information			
Features	Food Contact Acceptable		
	High Flow		
	High Gloss		
	Medium Rigidity		
	Opticals		
Uses	Household Goods		
	Masterbatch		
	Thin-walled Parts		
	Toys		
Agency Ratings	EU Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	50		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	12.0	MPa	ISO 527-2
Flexural Modulus (Injection Molded)	180	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -15.0	°C	ASTM D746
Vicat Softening Temperature	92.0	°C	ISO 306/A
Melting Temperature	111	°C	Internal Method
Injection	Nominal Value	Unit	
Rear Temperature	160 to 200	°C	
Middle Temperature	160 to 200	°C	

Front Temperature

160 to 200

°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

