

# REPRO HDPE RH120

High Density Polyethylene

Rondo Plast AB

Message:

Standard injection moulding

General Information			
Recycled Content	Yes		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ISO 1133
Molding Shrinkage			ISO 2577
Across Flow	1.5 to 3.0	%	
Flow	1.5 to 3.0	%	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	700	MPa	ISO 178
Flexural Stress	25.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m <sup>2</sup>	ISO 179
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	HB	UL 94	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 230	°C	
Mold Temperature	20.0 to 40.0	°C	
Injection Pressure	40.0 to 60.0	MPa	
Injection Rate	Moderate		
Back Pressure	0.500 to 1.00	MPa	

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



WECHAT