

REPRO PP R820

Polypropylene
Rondo Plast AB

Message:
Injection moulding

General Information			
Filler / Reinforcement	Filler,2.0% Filler by Weight		
Recycled Content	Yes		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ISO 1133
Molding Shrinkage			ISO 2577
Across Flow	1.2 to 1.6	%	
Flow	1.2 to 1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strain (Yield)	8.0	%	ISO 527-2
Flexural Modulus (23°C)	1100	MPa	ISO 178
Flexural Stress	40.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	3.0	kJ/m ²	
23°C	9.0	kJ/m ²	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Ignition Temperature (2.00 mm)	650	°C	IEC 60695-2-13
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	180 to 220	°C	
Mold Temperature	40.0 to 80.0	°C	
Injection Pressure	40.0 to 110	MPa	
Injection Rate	Fast		
Back Pressure	1.00 to 2.00	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.

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

