

Braskem PP RP340R

Polypropylene Random Copolymer

Braskem

Message:

RP340R is a high melt flow rate random copolymer. It features high transparency and gloss combined with good flowability, good balance of rigidity/impact and very low odor and flavor transfer.

Applications:
Packages for foods that are sensitive to changes in odor and taste, packages for cosmetics, pails and durable pots, bottles by ISBM (injection stretch blow molding), transparent houseware.

Processing:
Injection Molding

General Information			
Features	Good Flow		
	Good Impact Resistance		
	High Gloss		
	Low Odor Transfer		
	Low Taste Transfer		
	Medium Rigidity		
	Random Copolymer		
Uses	Bottles		
	Cosmetic Packaging		
	Food Packaging		
	Household Goods		
	Pails		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Clear/Transparent		
Processing Method	Injection Molding		
	Injection Stretch Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
R-Scale, Injection Molded	84		ASTM D785
R-Scale	82		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			

Yield, Injection Molded	30.0	MPa	ASTM D638
Yield, Injection Molded	31.0	MPa	ISO 527-2
Tensile Elongation			
Yield, Injection Molded	14	%	ASTM D638
Yield, Injection Molded	12	%	ISO 527-2
Flexural Modulus - 1% Secant			
Injection Molded	1000	MPa	ASTM D790
Injection Molded	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C, Injection Molded	50	J/m	ASTM D256
23°C, Injection Molded	50	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, Injection Molded	78.0	°C	ASTM D648
0.45 MPa, Unannealed	78.0	°C	ISO 75-2/B
Optical	Nominal Value	Unit	Test Method
Haze (1000 μm)	17	%	ASTM D1003

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

