

Trademark PP PPR5500MA

Polypropylene Random Copolymer

Trademark Plastics Corporation

Message:

Trademark PP PPR5500MA is a Polypropylene Random Copolymer (PP Random Copolymer) product. It can be processed by injection molding and is available in North America. Applications of Trademark PP PPR5500MA include engineering/industrial parts, food contact applications, household applications and packaging.

Characteristics include:

- Antistatic
- Clarified
- Copolymer
- Fast Molding Cycle
- Food Contact Acceptable

General Information			
Additive	Antistatic		
	Clarifier		
Features	Antistatic		
	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Processability		
	High Flow		
	Low to No Odor		
	Opticals		
	Random Copolymer		
Uses	Household Goods		
	Packaging		
	Thin-walled Parts		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	55	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	26.9	MPa	ASTM D638
Tensile Elongation ² (Yield)	10	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256

Optical	Nominal Value	Unit	Test Method
Haze (1270 μm)	11	%	ASTM D1003
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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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



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