

Jampilen EP548P

Polypropylene Copolymer
Jam Polypropylene Company

Message:

Jampilen EP548P is a nucleated, antistatic formulated, heterophasic copolymer, suitable for injection molding applications, and contains antistatic agent. It exhibits high stiffness combined with medium fluidity. Jampilen EP548P is extensively used in houseware, furniture, cylindrical containers and crates.

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Copolymer		
	High Stiffness		
	Medium Flow		
	Nucleated		
Uses	Containers		
	Crates		
	Furniture		
	Household Goods		
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	69.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1550	MPa	ISO 527-2
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	5.0	%	
Break	> 50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/A
-20°C	3.0	kJ/m ²	
0°C	4.0	kJ/m ²	
23°C	8.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method


Heat Deflection Temperature (0.45 MPa, Unannealed)	100	°C	ISO 75-2/B
Vicat Softening Temperature	147	°C	ISO 306/A50

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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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