Jampilen EP548S

Polypropylene Copolymer

Jam Polypropylene Company

Message:

Jampilen EP548S is a high melt flow rate, nucleated heterophasic copolymer with antistatic agent used for thin-walled injection molding applications. The product features improved balance of mechanical properties. The use of Jampilen EP548S allows high productivity due to the easy mold filling and short cycle times. In comparison with conventional copolymers with the same
MFR and the same toughness, Jampilen EP548S exhibits 15% higer rigidity. Jampilen EP548S is suitable for food contact.

General Information	
Additive	Antistatic
	Nucleating Agent
Features	Antistatic
	Copolymer
	Fast Molding Cycle
	Food Contact Acceptable
	Good Dimensional Stability
	Good Impact Resistance
	Good Moldability
	Good Organoleptic Properties
	High Stiffness
	Nucleated
Uses	Caps
	Closures
	Containers
	Food Containers
	Household Goods
	Lawn and Garden Equipment
	Sporting Goods
	Thin-walled Packaging
	Toys
Processing Method	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	44	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	100		ASTM D785

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.0	MPa	ASTM D638
Tensile Elongation (Yield)	5.0	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
-20°C	35	J/m	
23°C	65	J/m	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	112	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525 [1]
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
NOTE			
1.	Loading 1 (10 N)		

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