

## Polypropylene 548R

### Description:

Jampilen EP548R is a nucleated, antistatic formulated, high fluidity heterophasic copolymer used for thin-walled injection molding. Items made with Jampilen EP548R exhibit high stiffness, relatively good impact resistance and excellent antistatic properties. Due to its excellent moldability and short cycle times, Jampilen EP548R allows high productivity rates. The finished items show good mechanical properties, and high dimensional stability. Jampilen EP548R is very well suited for the production of thin-walled articles or articles with long flow paths such as flower pots, containers, housewares, filters, filters housings and appliance components. Jampilen EP548R is suitable for food contact.

Properties	Test Method	Unit	Value
Density	ASTM D 1505	g/cm <sup>3</sup>	0.900
Melt Mass-Flow Rate(MFR)(230°C/2.16kg)	ASTM D 1238	g/10min	21
Tensile Strength(Yield)	ASTM D 638	MPa	27.0
Tensile Elongation(Yield)	ASTM D 638	%	7.0
Flexural Modulus	ASTM D 790	MPa	1500
Notched Izod Impact -4°F(-20°C)	ASTM D 256	J/m	50
Notched Izod Impact 73°(23°C)	ASTM D 256	J/m	85
Rockwell Hardness(R-Scale)	ASTM D 785		98
Deflection Temperature Under Load 66 psi(0.45MPa),Unannealed	ASTM D 648	°C	110
Vicat Softening Temperature	ASTM D 1525 <sup>3</sup>	°C	149
Accelerated Oven Ageing(302°F(150°C))	ASTM D 3012	hr	360

### Feature:

Antistatic  
Copolymer  
Fast Molding Cycle

### Additive:

Antistatic

**Producer:** Jam Polypropylene Company