



Technical Datasheet: EP548R

Product Description:

PP EP548R is a nucleated, antistatic formulated, high fluidity heterophasic copolymer used for thinwalled injection molding. Items made with "EP548R" exhibit high stiffness, relatively good impact resistance and excellent antistatic properties. Due to its excellent moldability and short cycle times, "EP548R" allows high productivity rates. The finished items show good mechanical properties, and high dimensional stability. "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. "EP548R" is suitable for food contact.

Applications:

Thin-walled articles, Articles with long flow paths such as flower pots, containers, housewares, filters, filters housings and appliance components, Sports, Leisure and toys.

Typical data:

Property	Test method	Unit	value
Melt Flow Rate (230 °C, 2.16kg)	ASTM D 1238	g/10min	21
Density	ASTM D 1505	g/cm ³	0.9
Flexural Modulus	ASTM D 790	MPa	1500
Tensile Strength at Yield	ASTM D 638	MPa	27
Tensile Elongation at Yield	ASTM D 638	%	7
Izod Impact Strength (notched) at 23 °C	ASTM D 256	J/m	85
Izod Impact Strength (notched) at -20 °C	ASTM D 256	J/m	50
Rockwell Hardness	ASTM D 785	R Scale	98
Vicat softening point (10N)	ASTM D 1525	°C	149
H.D.T. (0.46 Mpa)	ASTM D 648	°C	110
Accelerated oven ageing in air at 150 °C	ASTM D 3012	hours	360