Jampilen EP548R

Heterophasic copolymer

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.

Processing Method:

Injection molding

Features:

Good impact strength
High stiffness
Excellent antistatic properties
Excellent moldability and short cycle times
Heterophasic copolymer

Typical 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

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	21	g/10min	ASTM D1238
Density	0.9	g/cm^3	ASTM D1505
Mechanical			
Flexural Modulus	1500	MPa	ASTM D790
Tensile Strength at Yield	27	MPa	ASTM D638
Tensile Elongation at Yield	7	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	85	J/m	ASTM D256
Izod Impact Strength (notched) at -20 °C	50	J/m	ASTM D256
Rockwell Hardness	98	R Scale	ASTM D785
Thermal			
Vicat softening point (10N)	149	°C	ASTM D1525
H.D.T. (0.46 Mpa)	110	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	hours	ASTM D3012

4th Floor, No. 68, Taban St., Africa Blvd., Tehran, Iran.
Tel: +9821-84286, Fax: +9821-88879811
Email: info@jppc.ir
www.jppc.ir