HETROPHASIC COPOLYMER

EP548R - (Jampilen)

Product 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-wall articles or articles with long flow paths such as flower pots, containers, housewares, filters, filter 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-wall articles
Articles with long flow paths such as flower pots, containers, housewares, filters, filter housings and appliance components Sports, Leisure and toys
Typical Applications:
- Food

Typical data - EP548R

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PROPERTY	TEST METHOD	UNIT	VALUE
Physical properties			
Melt Flow Rate (230 oC, 2.16kg)	ASTM D1238	g/10min	21
Density	ASTM D1505	g/cm3	0.9
Mechanical			
Flexural Modulus	ASTM D790	MPa	1500
Tensile Strength at Yield	ASTM D638	MPa	26
Tensile Elongation at Yield	ASTM D638	%	6
Izod Impact Strength (notched) at 23 oC	ASTM D256	J/m	90
Izod Impact Strength (notched) at -20 oC	ASTM D256	J/m	40
Thermal			
Vicat softening point (10N)	ASTM D1525	oC	150
H.D.T. (0.46 MPa)	ASTM D648	oC	110
Accelerated oven ageing in air at 150 oC	ASTM D3012	hours	360