



PP 548R

PP Impact Copolymer · Thin-Wall Injection Grade

Also traded as EP548R · Origin: Iran

MFR (230 °C / 2.16 KG)

21 g/10 min

DENSITY

0.90 g/cm³

PROCESS

Injection

HDT (0.45 MPA)

110 °C

PRODUCT DESCRIPTION

PP 548R is a nucleated, antistatic, high-fluidity heterophasic copolymer for thin-wall injection moulding. Items show high stiffness, good impact resistance and excellent antistatic behaviour; excellent mouldability and short cycle times allow high productivity. Suitable for food contact.

- High fluidity, short cycles
- High stiffness
- Excellent antistatic
- Food-contact grade

PROCESSING GUIDE

Process	Thin-wall injection
Melt temperature	210 – 260 °C
Mould temperature	20 – 40 °C
Form	Natural pellets

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Melt Flow Rate (230 °C / 2.16 kg)	ASTM D1238	g/10 min	21
Density	ASTM D1505	g/cm ³	0.90
MECHANICAL			
Flexural Modulus	ASTM D790	MPa	1300
Tensile Strength at Yield	ASTM D638	MPa	23
Tensile Elongation at Yield	ASTM D638	%	5
Izod Impact, notched (23 °C)	ASTM D256	J/m	80
Izod Impact, notched (–20 °C)	ASTM D256	J/m	40
THERMAL			
Vicat Softening Point (B/120)	ASTM D1525	°C	145
HDT (0.45 MPA)	ASTM D648	°C	110
Oven Ageing in Air (150 °C)	ASTM D3012	h	360

APPLICATIONS



Thin-Wall Containers



Housewares



Flower Pots



Appliance Parts

PACKAGING

25 kg PE / woven bags
Palletised or jumbo on request
20' / 40' container loading

SUPPLY

Delivery ex-factory or at border
100% pre-shipment inspection
Full export documentation



Get Today's Price

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◆ DIRECT SUPPLY FROM IRAN

◆ PREMIUM GRADES

◆ COMPETITIVE PRICES

◆ WORLDWIDE EXPORT

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The values above are typical and are not to be construed as specification limits. Users should verify suitability for their own process and application.

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