

PP **RP340R**

PP Random Copolymer · Clarified Injection Grade

Origin: Iran

MFR (230 °C / 2.16 KG)

25 g/10 min

DENSITY

0.90 g/cm³

PROCESS

Injection

HAZE (20 MM)

13 %

PRODUCT DESCRIPTION

PP RP340R is a nucleated random copolymer with high fluidity and outstanding transparency and gloss, designed for injection moulding and injection stretch blow moulding. It combines see-through clarity, excellent moisture barrier and hot-fill capability, an effective alternative to PET and PVC.

- High melt flow
- Hot-fillable
- Excellent transparency & gloss
- Random copolymer

PROCESSING GUIDE

Process	Injection & ISBM
Melt temperature	200 – 240 °C
Mould temperature	15 – 30 °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	25
Density	ASTM D1505	g/cm ³	0.90
MECHANICAL			
Flexural Modulus	ASTM D790	MPa	1100
Tensile Strength at Yield	ASTM D638	MPa	30
Tensile Elongation at Yield	ASTM D638	%	7
Izod Impact, notched (23 °C)	ASTM D256	J/m	50
Izod Impact, notched (–20 °C)	ASTM D256	J/m	16
THERMAL			
Vicat Softening Point (B/120)	ASTM D1525	°C	130
HDT (0.45 MPa)	ASTM D648	°C	80
Oven Ageing in Air (150 °C)	ASTM D3012	h	360
OPTICAL			
Haze (20 µm)	ASTM D1003	%	13
Gloss (45°)	ASTM D2457	—	80

APPLICATIONS



Transparent Containers



Syringes & Lab Ware



ISBM Bottles



Cosmetic Packaging

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

Scan to request a quote for PP RP340R on WhatsApp.

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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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