TDS TECHNICAL DATA SHEET

PP RP340R

PP Random Copolymer · Clarified Injection Grade

Origin: **Iran**

MFR (230 °C / 2.16 kg)	DENSITY	PROCESS	HAZE (20 MM)
25 g/10 min	**0.90** g/cm³	**Injection**	**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
- Excellent transparency & gloss
- Hot-fillable
- 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/cm³	**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

Sea from Bandar Abbas, road or rail – **agreed per order**

FCA, CPT or DAP – terms in the offer

Pre-shipment inspection & export documents

Get Today's Rate

Scan for a WhatsApp quote. Weekly rates: t.me/rabinpolybot

+98 912 640 4020

◆ DIRECT SUPPLY FROM IRAN ◆ PRIME VIRGIN GRADES ◆ LOT DETAILS IN EVERY OFFER ◆ EXPORT BY SEA, ROAD & RAIL

PHONE
+98 21 25903
+971 58 687 5544 (Dubai)

WHATSAPP
+98 912 640 4020
+98 912 859 5824

EMAIL
sales@rabinpolymer.com
Pasdaran, Tehran, Iran

WEB
en.rabinpolymer.com
/product/pp-rp340r/

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