

DATE: 2024-2025

Arena Code: AS10196/JPC-PP RP340R

Producer and Supplier in the fields of Chemical, Oil, Gas and Petrochemical industries

Technical Data Sheet

RP340R

Polypropylene random copolymer

RP 340R is a nucleated polypropylene random copolymer with high fluidity and outstanding transparency and gloss and is designed for injection molding application.

RP340R is the material of choice for applications where transparency is a primary requipment. This products combines good see through clarity and excellent moisture.

Application:

Household containers, house wares
Clear tubs and pots for ice cream, yoghurt and other desserts
Medical sector such as syringes, test tubes and vials
Lids, caps and closures
CD and DVD boxes
Injection stretch blow molded containers and bottles
Packing for food, cosmetics and pharmaceutical products
Sports, Leisure and toys

Properties	Value	Unit	Test Method
Melt Flow Rate (230°c,2.16kg)	25	g/10 min	ASTM D 1238
Density	0.9	g/cm3	ASTM D 1505
Flexural Modulus	1100	Мра	ASTM D 709
Tensile Strength at Yield	28	Мра	ASTM D 638
Tensile Elongation at Yield	10	%	ASTM D 638
Izod Impact Strength (notched)at 23°C	55	J/m	ASTM D 256
Vicat softening point(10N)	130	°C	ASTM D 1525
H.D.T (0.46 Mpa)	80	°C	ASTM D 648
Accelerated oven ageing in air at 150°C	360	Hours	ASTM D 3012
Haze (1 mm)	13	%	ASTM D 1003
Gloss	80	-	ASTM D 2457



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