

R 200 P

Technical Datasheet

1) Product Description:

R200P is a specially designed polypropylene random copolymer (PP-R, natural colored) that features excellent long-term hydrostatic pressure resistance and heat stability. It is suitable for hot & cold water supply pipes and fittings as well as radiator connecting pipes.

It is the outcome of HYOSUNG's integrated polymerization and crystallization technology with advanced PP manufacturing process technique.

2) Applications:

Hot & cold water supply pipes and fittings / Radiator connecting pipes

3) Typical data:

Property	Test method	Unit	value
Melt Index (230 °C, 2.16 kg)	ASTM D1238	g/10min	0.25
Density	ASTM D792	g/m ³	0.90
Tensile Strength at Yield	ASTM D638	Kg/cm ²	270
Flexural Modulus	ASTM D790	Kg/cm ²	9,000
Notched Izod Impact Strength(23°C / -10°C)	ASTM D256	kg·cm/cm	N.B / 5.0
Rockwell Hardness	ASTM D785	R-Scale	75
Heat Distortion Temperature	ASTM D 648	°C	90
Vicat Softening Point	ASTM D1525	°C	130
Mean Coefficient of Linear Thermal Expansion(0°C-80°C)	Dilatometer	K ⁻¹	1.5*10 ⁻⁴

* Typical values not to be construed as specifications.