

## R200P

Polypropylene Random Copolymer

Resin Properties	Method	Value	Unit
Melt Index(230°C, (2.16kg	ASTM D1238	0.25	g/10min
Density	ASTM D792	0.90	g/cm <sup>3</sup>
Tensile Strength at Yield	ASTM D638	270	kg/cm <sup>2</sup>
Flexural Modulus	ASTM D790	9000	kg/cm <sup>2</sup>
Notched Izod Impact Strength(23°C / -10°C)	ASTM D256	N.B / 5.0	kg·cm/cm
Rockwell Hardness	ASTM D785	75	R-Scale
Heat Deflection Temperature	ASTM D648	90	°C
Vicat Softening Point	ASTM D1525	130	°C
Mean Coefficient of Linear Thermal Expansion(0°C-80°C)	Dilatometer	1.5*10 <sup>-4</sup>	k <sup>-1</sup>

**Product Description:** Topilene®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 the outcome of HYOSUNG's integrated polymerization and crystallization technology with advanced PP manufacturing process technique.

**Typical Application:** Hot & cold water supply pipes and fittings / Radiator connecting pipes



021-40660017-20



Shad Abad Iron Market-Ava Jeneral Complex.No.1



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