



HYOSUNG CORPORATION

## TOPILENE R200P

| Properties of Topilene R200P |            |             |                    |                      |
|------------------------------|------------|-------------|--------------------|----------------------|
| Category                     |            | Test Method | Unit               | R200P<br>(Random PP) |
| Melt Index                   |            | ASTM D792   | g/10min            | 0.2                  |
| Melting Temp                 |            | HS Method   | °C                 | 140                  |
| Tensile<br>Strength          | (at Yield) | (at Break)  | Kg/cm <sup>2</sup> | 270                  |
|                              | (at Break) |             |                    | 230                  |
| Elongation                   |            | ASTM D638   | %                  | 500                  |
| Flexural Modulus             |            | ASTM D790   | Kg/cm <sup>2</sup> | 8,5                  |
| IzodImpact<br>Strength       | 23°C       | ASTM D256   | Kg·cm/cm           | No Break             |
|                              | 0°C        |             |                    | 8                    |
|                              | -20°C      |             |                    | 3                    |

**Material** : Polypropylene Random Copolymer

**Durability** : 50 yrs

**Construction** : Satisfactory

**Connection** : Heat fusion

**Corrosion** : None

**Recycling** : Possible

**Major function** : Cold and hot water supplying pipes/ Under floor heating  
pipes/ Chemical pipes