

# HP561R

## Homopolymer

**Description:**

HP561R is a very narrow molecular weight distribution homopolymer, suitable for extrusion applications. It is formulated with an anti-gasfading stabilisation package. HP561R is designed for the production of continuous filaments. Typical applications are HTY and spunbond nonwoven.

**Typical Applications**

- Bulk Continuous Filament & Continuous Filament
- HTY and spunbond nonwoven
- Filament yarn
- Geotextile and agriculture
- Hygiene nonwoven
- Wipes, tissues

**Features:** Controlled Rheology, Gas-fading Resistant, Narrow Molecular weight distribution

**Suitable for:** Fiber Extrusion (filament)

**Product Specification**

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Melt Flow Rate (230 °C, 2.16 kg)	25	g/10 min	ISO 1133
Density	0.9	g/cm <sup>3</sup>	ISO 1183
Tensile Modulus	1350	MPa	ISO 527-1, -2
Tensile strength at Yield	33	MPa	ISO 527-1, -2
Tensile elongation at Break	>50	%	ISO 527-1, -2
Tensile elongation at Yield	11	%	ISO 527-1, -2
Vicat softening point A50	152	°C	ISO 306
H.D.T.B (0.45 MPa)	90	°C	ISO 75B-1, -2

\* Typical values; not to be considered as product specification.