

HP561S

Homopolymer

Description:

HP561S is a very narrow molecular weight distribution homopolymer, suitable for extrusion applications. It is formulated with an anti-gasfading stabilisation package. HP561S is designed for production of continuous filaments. Typical applications are HTY and spunbond nonwoven.

Typical Applications

- HTY and spunbond nonwoven
- Continuous Filament
- 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)	33	g/10 min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Tensile Modulus	1390	MPa	ISO 527-1, -2
Tensile strength at Yield	34	MPa	ISO 527-1, -2
Tensile elongation at Break	>50	%	ISO 527-1, -2
Tensile elongation at Yield	9.5	%	ISO 527-1, -2
Vicat softening point A50	153	°C	ISO 306
H.D.T.B (0.45 MPa)	81	°C	ISO 75B-1, -2

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