Moplen PP567P

Polypropylene, Homopolymer

Product Description

Moplen PP567P is used in extrusion applications. It has a very narrow molecular weight distribution and it is formulated with an anti-gasfading stabilisation package. Moplen PP567P is used in the production of continuous filaments. Typical applications are high-tenacity yarns (HTY), continuous filaments (CF), bulk continuous filaments (BCF) and spunbond nonwovens. For regulatory information please refer to Moplen PP567P Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Africa-Middle East
Processing Methods	Continuous Filament/Spinning, Spun Bond
Features	Homopolymer, Narrow Molecular Weight Distribution
Typical Customer Applications	Bulk Continuous Filament & Continuous Filament, Filament Yarn, Nonwoven Spunbond

Typical Properties	Method	Value	Unit
Physical			
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	18	g/10 min
Mechanical			
Tensile Stress at Break	ISO 527-1, -2	21	N/mm²
Tensile Stress at Yield	ISO 527-1, -2	33	N/mm²
Tensile Strain at Break	ISO 527-1, -2	>500	%
Tensile Strain at Yield	ISO 527-1, -2	11	%
Flexural modulus	ISO 178	1300	N/mm²
Impact			
Charpy unnotched impact strength	ISO 179	150	kJ/m²
Charpy notched impact strength	ISO 179	5	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	86	°C
Vicat softening temperature A/50	ISO 306	153	°C
Vicat softening temperature B/50	ISO 306	93	°C

Notes

Typical properties; not to be construed as specifications.