



Moplen HP552R

Polypropylene, Homopolymer

Product Description

Moplen HP552R is suitable for extrusion applications. It is formulated with an anti-gasfading stabilisation package. Moplen HP552R is designed for the production of continuous filaments (CF), bulk continuous filaments (BCF) and fine denier staple fibres. Typical applications are carpets and nonwovens. For regulatory information please refer to Moplen HP552R Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Africa-Middle East
Processing Methods	Continuous Filament/Spinning, Staple Fibre
Features	Gas-fading Resistant, Homopolymer, Good Processability
Typical Customer Applications	Bulk Continuous Filament & Continuous Filament, Filament Yarn, Hygiene Nonwoven, Nonwoven Staple Fibres, Staple Fiber, Wipes/Tissues

Typical Properties	Method	Value	Unit
Physical			
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	25	g/10 min
Melt volume flow rate (230°C/2.16 kg)	ISO 1133	34	cm ³ /10min
Mechanical			
Tensile modulus	ISO 527	1500	MPa
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	97	°C
Vicat softening temperature (A50 (50°C/h 10N))	ISO 306	153	°C
(B50 (50°C/h 50N))		92	°C

Notes

Typical properties; not to be construed as specifications.