Technical Data Sheet

Moplen RP3386

Polypropylene, Random Copolymer

Product Description

Moplen RP3386 is a polypropylene random copolymer used for extrusion applications. *Moplen* RP3386 has a very narrow molecular weight distribution and is formulated with an anti-gasfading stabilisation package. *Moplen* RP3386 is used for the production of textile filaments with remarkably high softness. Typical application is spunbonded nonwovens.

Regulatory Status

For regulatory compliance information, see *Moplen* RP3386 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Developmental
Availability	Africa-Middle East; Asia-Pacific; Europe
Application	Filament Yarn; Hygiene Nonwoven; Nonwovens; Wipes/Tissues
Market	Textile
Processing Method	Continuous Filament/Spinning; Extrusion Coating; Fibers; Spunbond
Attribute	Controlled Rheology; Gas-fading Resistant; Good Flexibility; High Flow; Low Temperature Heat Sealability; Narrow Molecular Weight Distribution; Random Copolymer; Soft

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ISO 1133-1
Density, (23 °C)	0.90	g/cm³	ISO 1183-1
Mechanical			
Tensile Modulus	800	MPa	ISO 527-1, -2
Tensile Stress at Yield	22	MPa	ISO 527-1, -2
Tensile Strain at Break	>50	%	ISO 527-1, -2
Tensile Strain at Yield	10	%	ISO 527-1, -2
Thermal			
Vicat Softening Temperature, (A/50 N)	120	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	60	°C	ISO 75B-1, -2

Notes

These are typical property values not to be construed as specification limits.