

SABIC® PP 524M

Polypropylene Homopolymer

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® PP 524M is specially developed for biaxially oriented PP (BOPP) film extrusion with a very specific molecular structure providing the ultimate properties required for the stenter film process. It contains additives for optimal slip and anti static behaviour. SABIC® PP 524M is applied in blends with SABIC® PP 524P, the non formulated version, for use as core layer.

General Information			
UL YellowCard	E111275-306884		
Additive	Antistatic property slip agent		
Features	smoothness Homopolymer Antistatic property Medium wide molecular weight distribution		
Uses	Bi-axially Oriented Film Films		
Forms	Particle		
Processing Method	Film extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.3	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	36.0	MPa	ISO 527-2
Fracture	45.0	MPa	ISO 527-2
Tensile Strain (Break)	600	%	ISO 527-2
Flexural Modulus ¹	1350	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	152	°C	ISO 306/A50
--	87.0	°C	ISO 306/B50
Additional Information			
Molecular Weight Distribution: BroadIsotacticity: MediumAnti block agent: NoSlip agent: YesAnti static agent: YesNucleating agent: NoGas fading stabilized: No			
NOTE			

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