

SABIC® PP 514A

Polypropylene Homopolymer
Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® PP 514A is characterized by high flow and medium molecular weight distribution. It contains a sophisticated anti-gas fading stabilization, offering consistent spinning, improved melt and UV stability.
SABIC® PP 514A is suitable for continuous and bulk continuous filaments, including tri colour carpet yarns, POY and also for fine denier staple fibres used for hygeinic applications.

General Information			
UL YellowCard	E111275-306883		
Additive	Anti-smoke fade		
Features	Resistance to gas fading		
	Good UV resistance		
	High liquidity		
	Medium wide molecular weight distribution		
Uses	BCF line		
	staple fiber		
	Filament		
Forms	Particle		
Processing Method	Fiber (spinning) 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)	24	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	35.0	MPa	ISO 527-2
Fracture	45.0	MPa	ISO 527-2
Tensile Strain (Break)	400	%	ISO 527-2
Flexural Modulus	1650	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	151	°C	ISO 306/A50
--	92.0	°C	ISO 306/B50
Additional Information			

Molecular Weight Distribution: MediumIsotacticity: MediumAnti block agent: NoSlip agent: NoAnti static agent: NoNucleating agent: NoGas fading stabilized: Yes

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Recommended distributors for this material

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