

HIPOLEN P® TA 41G

Polypropylene Homopolymer

Hipol a.d.

Message:

HIPOLEN P TA 41 is medium molecular weight distribution homopolymer FY 6 Product intended for high denier staple fibers manufacture. This grade can be used also for CF and BCF multifilament production at medium spinning speeds. Grade TA 41 is stabilized with antigasfading formulation which provides high color stability and medium UV resistance.

Applications

High denier staple fibers for carpeting and upholstery

High strength staple fibers for needle products

CF and BCF multifilament for woven or knitted products

General Information	
Additive	Anti-smoke fade
Features	Homopolymer
	Resistance to gas fading
	Good UV resistance
	Good color stability
	Medium wide molecular weight distribution
Uses	BCF filament
	staple fiber
	Textile applications
	Filament
	Fiber
Forms	Particle
Processing Method	Filament extrusion
	Fiber (spinning) extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183/D
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1300	MPa	ISO 527-2
Tensile Stress (Yield)	32.0	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	3.8	kJ/m ²	ISO 180

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