

HIPOLEN P® TA 41

Polypropylene Homopolymer

HIPOL A.D.

Message:

Hipolen® P TA 41 is a homopolymer, suitable for extrusion of textile fibers. It is formulated with additives for good heat stability.

Typical applications of Hipolen® P TA 41 are Staple fiber , Continuous filament (BCF; FDY)

Hipolen® P TA 41 has a wide range of approval for contact with food but for specific applications, reference should be made to Hipol chemical industry.

General Information			
Features	High Tensile Strength		
	Homopolymer		
	Medium Molecular Weight		
Uses	BCF Multifilaments		
	Fibers		
	Staple Fibers		
Forms	Pellets		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	8.0	%	
Break	800	%	
Flexural Modulus	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	35	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Vicat Softening Temperature	140	°C	ISO 306/A50

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Recommended distributors for this material

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