

HIPOLEN P® TM 2G

Polypropylene Homopolymer

HIPOL A.D.

Message:

Hipolen® P TM 2G is a homopolymer, suitable for extrusion of textile fibers. It is formulated with additives for good antigasfading and heat stability.

Typical applications of Hipolen® P TM 2G are Staple fiber , Continuous filament (BCF; FDY, HT)

Hipolen® P TM 2G 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	Gas-fading Resistant		
	High Tensile Strength		
	Homopolymer		
	Med.-Wide Molecular Weight Distrib.		
Uses	BCF Multifilaments		
	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)	24	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	500	%	
Flexural Modulus	1200	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)	83.0	°C	ISO 75-2/B
Vicat Softening Temperature	145	°C	ISO 306/A50

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Recommended distributors for this material

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