

# POLYCHIM K 10 FS

Polypropylene Homopolymer

POLYCHIM INDUSTRIES

## Message:

POLYCHIM K 10 FS is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by spunbond nonwovens and is available in Europe. Typical application: Nonwovens. Primary characteristic: homopolymer.

General Information			
Features	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Spunbond Nonwovens		
Processing Method	Spunbond Nonwovens		
Physical	Nominal Value	Unit	Test Method
Density	0.903	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30 to 40	g/10 min	ASTM D1238
Color - Yi	< 0.0		DIN 6167
Xylene Solubles - Atacticity	< 5.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	34.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	< 1350	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	26	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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## Recommended distributors for this material

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