

# ORIENTENE FB 12

Polypropylene Homopolymer  
Oriental Petrochemical Company

Message:

ORIENTENE FB 12 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Africa & Middle East.  
Important attributes of ORIENTENE FB 12 are:  
Food Contact Acceptable  
Good Processability  
Typical applications include:  
Fabrics/Fibers  
Food Contact Applications  
Yarn

General Information	
Features	Food Contact Acceptable
	Gas-fading Resistant
	Good Color Stability
	Good Processing Stability
Uses	BCF Yarn
	Fibers
	Staple Fibers
Agency Ratings	EU 2002/72/EC
	FDA 21 CFR 177.1520(c) 1.1

Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ISO 1183, ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	34.5	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	1380	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	23	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°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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