

ORIENTENE FB 25

Polypropylene Homopolymer
Oriental Petrochemical Company

Message:

ORIENTENE FB 25 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Africa & Middle East.
Important attributes of ORIENTENE FB 25 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 ³	ISO 1183, ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield ¹	33.0	MPa	ASTM D638
Yield	33.0	MPa	ISO 527-2/50
Tensile Elongation			
Yield ²	7.0	%	ASTM D638
Yield	7.0	%	ISO 527-2/50
Flexural Modulus - 1% Secant ³	1350	MPa	ASTM D790A, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ISO 180, ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648, ISO 75-2/B

NOTE

1.	50 mm/min
2.	50 mm/min
3.	1.3 mm/min

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