

ORIENTENE FM 03

Polypropylene Homopolymer
Oriental Petrochemical Company

Message:

ORIENTENE FM 03 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Africa & Middle East.
Important attributes of ORIENTENE FM 03 are:
Food Contact Acceptable
Good Aesthetics
Good Processability
High Strength
Typical applications include:
Food Contact Applications
Bags/Liners
Film

General Information			
Features	Food Contact Acceptable		
	Good Processing Stability		
	High Strength		
	Metallizable		
	Opticals		
Uses	Film		
	Laundry Bags		
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)	3.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield ¹	32.0	MPa	ASTM D638
Yield	32.0	MPa	ISO 527-2/50
Tensile Elongation			
Yield ²	9.0	%	ASTM D638
Yield	9.0	%	ISO 527-2/50
Flexural Modulus - 1% Secant ³	1400	MPa	ASTM D790A, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	35	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		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
 Phone: +86 13424755533
 Email: sales@su-jiao.com
 No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT