Acran Boğaziçi Kimya A.Ş.
Bahçeşehir 1. Kısım Mh. Bülbül Cd. No: 39 Başakşehir / İstanbul
info@acran.com.tr | www.acran.com.tr | + 90 212 659 94 37

Oriental Petrochemicals Company

Raffia Grade RF05
Homopolymer

Description

Orientene RF 04is made via UNIPOL™ POLYPROPYLENE technology; which combines, the production efficiency of gas phase fluidized bed reactors with the high activity and stereo specificity of SHAC® catalyst system. This product is mainly recommended for stretched tape (raffia) which produces woven fabrics used in carpet backing industries, geo-textile application and four points big bags of capacity one ton.

Features

Orientene RF 04 is designed for high speed process machine to provide:

- **Good coloure stability. Consistent processability.**
- **Good strength properties. Low Water carry over.**
- **Complies with USA FDA code of Federal Regulations CFR21 § 177.1520 (C) 1.1 (Olefin polymers) and other food contact EC directives & UK regulations.**

Properties	value	Unit	Test Method
Melt Flow (230 °C/2.16 kg)	4.6	g/10 min	ASTM D-1238 ISO 1133
Density @ 23 °C	0.9050	g/cm^3	ASTM D-1505, ISO R 1183
Tensile Strength @ yield (50 mm/min.)	37.3	MPa	ASTM D-638* ISO 527
Tensile elongation @ yield (50 mm/min.)	7.7	%	ASTM D-638* ISO 527
Flexural modulus (1% Secant), at 1.3 mm/min	1788	MPa	ASTM D 790 A* ISO 178
Notched izod Impact @ 23 °C	35	J/M	ASTM 256 A* ISO 180
Heat deflection Temp @455 KPa °C	104	°C	ASTM D 648 ISO 75

*ASTM D638 Molded and tested in accordance with D4101

Note

1-The values given in this data sheet are the result of tests carried out in accordance with standard procedures. They are given as indication to enable customers to make the best use of our products but must considered as average values providing without any implying any undertaking on our part.