OPC

Oriental Petrochemicals Company

Spunbond Grade SB35
Homopolymer

Description

Orientene SB 35 is 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 spunbond (textile grade) which produces non-woven fabrics used in fields of medical and surgical isolation, industrial liners, household, hygiene and agricultural applications.

Features

Orientene SB 35 is designed to provide:

- **Good coloure stability.**
- **Consistent processability.**
- **High strength and elasticity.**
- **High-speed spunbond machines.**
- **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)	37	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.)	32.2	MPa	ASTM D-638* ISO 527
Tensile elongation @ yield (50 mm/min.)	8.9	%	ASTM D-638* ISO 527
Flexural modulus (1% Secant), at 1.3 mm/min	1270	MPa	ASTM D 790 A* ISO 178
Notched Izod Impact @ 23 °C	24	J/M	ASTM 256A* 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.
2- Data should not be used for specification works