

TATREN® HT 25 11

Polypropylene Homopolymer

Slovnaft Petrochemicals, s.r.o.

Message:

TATREN HT 25 11 is controlled rheology homopolymer of very narrow molecular weight distribution. Consistent processability, good colour and thermal stability, very low volatiles and low smoke make this grade suitable to be used for very demanding fibre applications. This grade contains anti gas fading additive package.

Applications

TATREN HT 25 11 is intended to be used especially for production of non-woven (spun bond) fabrics weight of 14 - 50 gsm for hygienic industry. Unique structure of this grade gives possibility to produce high strength spunbond fabrics while having a superior softness and excellent drapability.

TATREN HT 25 11 can be used for production of spun bond fabrics intended for other than hygienic applications as well. This product is also suitable for extrusion coating of PP fabrics, injection moulding of general purpose items and for compounding.

TATREN HT 25 11 is suitable for food contact. The product complies with Food Contact Regulations. The grade is suitable for manufacturing of pharmaceutical packing-product.

General Information			
Additive	Anti-gas fading		
Features	Controlled Rheology		
	Food Contact Acceptable		
	Gas-fading Resistant		
	Good Processability		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Recyclable Material		
	Compounding		
	Fabric Coatings		
	General Purpose		
	Packaging		
	Pharmaceutical Packaging		
Forms	Spunbond Nonwovens		
	Textile Applications		
	Pellets		
	Extrusion Coating		
	Injection Molding		
	Spunbond Nonwovens		
Processing Method			
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ISO 2039-2

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1550	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	32.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	10	%	ISO 527-2
Flexural Modulus (Injection Molded)	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C, Injection Molded)	3.0	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Extrusion	Nominal Value	Unit	
Melt Temperature	200 to 260	°C	

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