TATREN® HG 10 07

Polypropylene Homopolymer

Slovnaft Petrochemicals, s.r.o.

Message:

TATREN HG 10 07 is homopolymer of good processing stability and excellent spinning properties. It is characterised by broad processing window and it enables to process this grade by different processing technologies - fibres, cast film and injection moulding. TATREN HG 10 07 contains anti gas fading additive package. It contains neither slip nor antiblocking agent.
Applications
TATREN HG 10 07 is intended especially for staple fibres production. It is also suitable for cast film production as core layer at co-extrusion and for injection moulding of sanitary equipments, caps, closures and small technical items. This grade is partially suitable for sheet extrusion and thermoforming applications and for compounding.
TATREN HG 10 07 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	Food Contact Acceptable Gas-fading Resistant General Purpose Good Processability Homopolymer Recyclable Material
Uses	Caps Cast Film Closures Compounding General Purpose Packaging Pharmaceutical Packaging Sheet Staple Fibers
Forms	Pellets
Processing Method	Cast Film Injection Molding Sheet Extrusion Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133

Hardness	Nominal Value	Unit	Test Method

Rockwell Hardness (R-Scale)	98		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1850	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	35.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	9.0	%	ISO 527-2
Flexural Modulus (Injection Molded)	1750	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C, Injection Molded)	4.0	kJ/m^2	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	98.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	210 to 260	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	210 to 260	°C	

Recommended distributors for this material

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