

TATREN® IM 6 56

Polypropylene Impact Copolymer

Slovnaft Petrochemicals, s.r.o.

Message:

TATREN IM 6 56 is impact copolymer characterised by excellent long term heat stability. Its high stiffness is well balanced by very good impact resistance. It contains antistatic agent.

Applications

TATREN IM 6 56 is intended especially for injection moulding of car parts, auto battery cases mainly. This grade is suitable also for injection moulding of transport and storage containers, water tanks, household and garden articles, wall fasteners, toys, household appliances and other technical items where good impact/stiffness balance supported by long term heat stability is required. TATREN IM 6 56 is suitable for compounding as well.

TATREN IM 6 56 is suitable for food contact. The product complies with Food Contact Regulations.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Food Contact Acceptable		
	Good Impact Resistance		
	Heat Stabilized		
	High Stiffness		
	Recyclable Material		
Uses	Appliances		
	Automotive Applications		
	Battery Cases		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	88		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1600	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	27.5	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	6.0	%	ISO 527-2
Flexural Modulus (Injection Molded)	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/A
-20°C, Injection Molded	4.0	kJ/m²	
23°C, Injection Molded	9.0	kJ/m²	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	92.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 250	°C	

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Recommended distributors for this material

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