

POLYPROPYLENE



Slovnaft

TATREN IM 10 54 INJECTION MOULDING GRADE

Technical Data Sheet
issued for IM 10 54



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GENERAL INFORMATION

TATREN IM 10 54 is an impact copolymer of consistent processability and good impact strength. This product has good long-term heat-aging properties.

TATREN IM 10 54 is intended for use in injection moulding processes and as a base grade for compounding.

POLYMER PROPERTIES (average from LOT 31054077-80)

PROPERTIES	UNITS	VALUES	TEST METHODS
Melt mass - Flow Rate (MFR), 230°C/2,16 kg	g/10min	11	ISO 1133 procedure A
Tensile strength at yield	MPa	25	ISO 527-1,2 test specimen 1A speed 50mm/min
Tensile elongation at yield	%	6	ISO 527-1,2 test specimen 1A speed 50mm/min
Flexural modulus	MPa	1380	ISO 178 speed 2mm/min
Notched Izod impact at 23°C	kJ/m ²	5,8	ISO 180

The preparation of injection-moulded test specimens in accordance with ISO 1873-2

PACKAGE, TRANSPORT, SUPPLY

Pellets are packed in 25 kg PE-LD bags and transported on shrink-wrapped pallets at eligible load of polymer 1000 or 1250 kg. Upon request polypropylene can also be packed in the carton boxes fixed on pallets, where the load of polymer is about 1100 kg. Transportation in a road silo or rail silo is also available.

If polymer is stored in conditions of high humidity and fluctuating temperatures, then atmospheric moisture can condense inside the packing. If it happened, it is recommended the pellets to be dried before use. During the storage polypropylene should not be exposed to UV radiation. Producer does not take responsibility for any damages caused by adverse storage.