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Polypropylene  
**TATREN IM 12 59**  
Impact copolymer for injection moulding

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#### Description

**TATREN IM 12 59** is an impact copolymer of consistent processability and high stiffness with medium impact.

#### Applications

**TATREN IM 12 59** is intended for use in injection moulding processes where medium impact is required. It is especially suited for rigid packaging applications.

**TATREN IM 12 59** contains mould release agent.

#### Properties\*

	Test Method	Unit	Typical Value
MFR (2.16kg/230°C)	ISO 1133	g/10 min	12
Tensile strength at yield	ISO 527	MPa	23
Tensile elongation at yield	ISO 527	%	8
Flexural modulus	ISO 178	MPa	1300
Izod impact strength (notched, 23 °C)	ISO 180/1A	kJ/m <sup>2</sup>	11
HDT (0.46 MPa)	ISO 75	°C	95

\* Preparation of injection-moulded test specimens in accordance with ISO 1873-2.

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### Storage and Handling

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.

### Safety

See MSDS.

### Recycling

Polypropylene resins are suitable for recycling using modern recycling methods. In-house production waste should be kept clean to facilitate direct recycling.

### Notes

The information provided in this publication has been compiled to the best of our present knowledge. However, in view of the various applications of polyethylene resins and the equipment used, the processing conditions may differ. The recommendations and data herein are to be construed as informatory only and do not relieve users from carrying out their own tests and experiments prior to processing in order to check suitability for a specific use. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. Our products are under continuous development, therefore we reserve the right to change the information presented in this brochure at our own discretion.

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