

Description

NITRALEN NL-PP-350 is propylene homopolymer with a narrow weight distribution and an improved stabilisation formulation that eliminates discolouration of finished products and provides balanced physical and mechanical properties to produce high quality nonwovens and fibres: agrotexiles and covering materials, construction geosynthetics (e.g. geogrids for road construction) and waterproofing, elements of sportswear, as well as personal hygiene items, medical protective masks and gowns, tablecloths and disposable napkins.

This grade is also used as a raw material for the creation of hardware and packaging materials, orthopaedic mattresses, covers, upholstered furniture, car air filters, Hoover filters, respirators, bags, pouches and cases.

NL-PP-350 complies with EU Food Contact regulations.

Characteristics

Property	Unit	Typical value *	Method
Melt flow Rate (230°C/2,16 kg)	g/10 min	35	ISO 1133
Tensile Strength at Yield (50mm/min)	MPa	34	ISO 527
Tensile Strain at Yield (50mm/min)	%	9.5	ISO 527
Flexural Modulus (2mm/min)	MPa	1400	ISO 178

(*) Data not intended for specifications purposes

Handling and storage

The guaranteed shelf life of Polypropylene is 3 years from the date of manufacture. Polypropylene is stored in the closed dry room, excluding direct sunlight, on shelves or pallet separated from the floor by at least 5cm and from heating devices at least 1m, at a temperature, not exceeding 30°C and relative humidity of not more than 80%. The Safety Data Sheet can be obtained from the website: www.nitra.at

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