Manufacturer website: https://www.petkim.com.tr/

Technical Data Sheet

PETOPLEN PP EC281
Polypropylene (PP)

Description

PETOPLEN PP EC281 is a polyolefin product with a medium molecular weight distribution. It has been specially developed for extrusion coating applications.

Applications

Extrusion coating: Woven/non-woven PP fabrics, paper, cardboard.

Properties	Typical Values (*)	Units	Test Methods
Resin Properties			
Melt Flow Rate (230°C/2.16 kg)	28	g/10 min	ASTM D1238
Density	0.910	g/cm³	ASTM D792
Mechanical Properties			
Tensile Strength at Yield(**)	30	MPa	ASTM D638
Flexural Modulus, 23°C	1200	MPa	TS EN ISO 178
Thermal Properties			
Vicat Softening Temperature A50 (10N)	151	°C	ISO 306

(*) These are typical properties only and are not to be construed as specifications. Customers should confirm results by their own tests.
(**) The values given are measured based on compression molded sheet.

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Recommended Processing Conditions

Extrusion coating applications;
Typical melt temperature: 270-300°C

Processing conditions should be optimized for different equipment design.

Health, Safety and Food Contact Regulations

The detailed information of the PETOPLEN PP EC281 product is given in Safety Data Sheet and Food Contact Declaration of the product. Please contact your sales representatives or visit web site for the food contact application compliance (e.g. EU, FDA) and other regulatory documents.

Packing and Storage

The product is packed in 25 kg PP Mesh Valve Bag or 900 kg PP Mesh Big-Bag. The product should be stored in a dry area with an ambient temperature below 50°C. It should be kept away from sunlight, sparks, heat and flame. Inappropriate storage conditions can lead to bad smell, color changes and the deterioration in physical properties. It is advised to process PP resins within 6 months after delivery. Prior to processing PP product bags shall be kept in production area for at least 12 hours.

Recycling

The product is not hazardous or toxic and it is suitable for recycling using available recycling methods.

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