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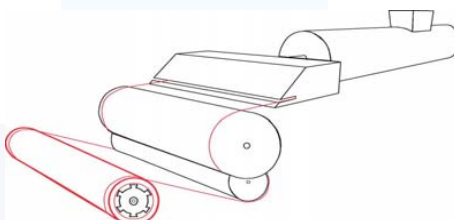
www.petroquim.cl

POLYPROPYLENE HOMOPOLYMER

Suitable for the extrusion of simple or multilayer film through a flat matrix process. It has good sliding and antiblocking properties, excellent transparency, high mechanical resistance and good processability and productivity.

APPLICATIONS

FLAT FILM EXTRUSION (CAST)



.Bags for the packaging of clothing (shirts, socks, track suits etc.)
Bags for foodstuffs (pastas, bakery products, rice, snacks etc.)

PROCESSING RECOMMENDATIONS

FLAT FILM EXTRUSION (CAST)

Screw	200 to 230° C
Filter	220 to 230° C
Adaptor	240° C
Matrix	260° C

PROPERTIES	ASTM TEST METHOD	UNITS	VALUE
Melt Flow Rate (2,16 kg/230 °C)	D-1238/95	g/10 min	8,0
VICAT Softening Point (1 kg)	D-1525/97	°C	150
Heat Deformation Temperature – HDT (455 kPa)	D-648/97	°C	96
IZOD Impact Test (23 °C)	D-256/93	J/m	45
Tensile Strength (at Yield Point)	D-638/97	MPa	32
Elongation (at Yield Point)	D-638/97	%	12
Flexural Modulus	D-790/97	MPa	1.400



SPECIAL CONSIDERATIONS:

This polymer meets the FDA (Food and Drug Administration) specifications, in accordance with the Code of Regulation Title 21, Part 177-1520. Therefore, it can be used in packaging that has contact with foodstuffs. The respective FDA certificates for each product are available on www.petroquim.cl.

The above data corresponds to typical values measured in our laboratory, and should be understood to be only a guide in the selection and processing of the resin. For this reason, before using any material produced by Petroquim S.A, it is recommended that each user carry out, with the support of our specialized technicians, the necessary tests to determine whether this product is suitable for the intended use.

The users should also make sure that they can use the Petroquim products with the legal and security measures required (the Security Specifications are available on our web site www.petroquim.cl)

Petroquim S.A. denies all responsibility arising from the direct or indirect misuse of this information.

The values previously given may be modified without prior notice.

This version annuls and replaces all previous editions.

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