



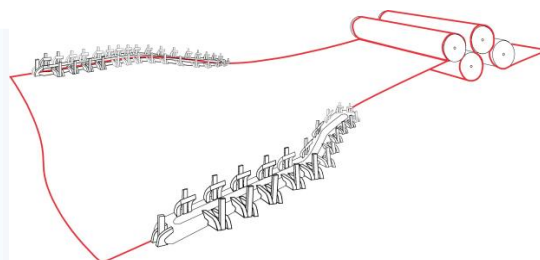
PH 0362

POLYPROPYLENE HOMOPOLYMER

PROCESS: BOPP EXTRUSION

Apt for biaxially oriented film extrusion (BOPP), both the production of single layer film or co-extruded film. It has been designed to provide stability in extrusion lines with an excellent thickness control, a high stretch rate and easy dual orientation. For general use or in metallization.

Applications: Bioaxially oriented film for food containers (pasta, snacks, etc.). Metallizable film (potato chip and snack packages).



PROCESSING RECOMMENDATIONS

BIAXIALLY ORIENTED FILM EXTRUSION (BOPP)

Flat die process:	
Screw	210 to 250 °C
Filter	250 °C
Die	260 °C

PROPERTIES

TYPICAL PROPERTIES	ASTM TEST METHOD	UNITS	VALUE
Flow Index 2.16 kg/230 °C	D-1238	g/10 min	3.0
VICAT Softening Point (10 N)	D-1525	°C	154
Heat Deflection Temperature – HDT (455 kPa)	D-648	°C	105
IZOD Impact Strength Test at 23 °C	D-256	J/m	55
Tensile Strength (at yield point)	D-638	MPa	33
Elongation (at yield point)	D-638	%	11
Flexural Modulus	D-790	MPa	1,450
Haze (Specimen thickness 50µm)	D-1003	%	1.5
Brillo (Specimen thickness 50µm)	D-523	u.B	82

The density of all grades of polypropylene produced by Petroquim S.A. is in the range of 0.905 +/- 0.005 g/cc.

SPECIAL CONSIDERATIONS:

- The above data correspond 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 conduct, with the support of our specialized technicians, the necessary tests to determine whether the product is suitable for the intended use.
- Users must also ensure that they can use Petroquim's product as required by law and safely (the safety data sheet can be found at www.petroquim.cl).
- All the information regarding compliance with food contact regulations can be found on our website: www.petroquim.cl
- This product has not been validated by Petroquim S.A. for use in medical or pharmaceutical applications. It is the responsibility of the users to review compliance with the specific standards and legal regulations for this sector.
- Petroquim S.A. disclaims any liability that may arise from any misuse of this information, either directly or indirectly.
- The above values may be changed without prior notice.
- This version voids and supersedes previous versions.

REVISED: Apr/2023

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