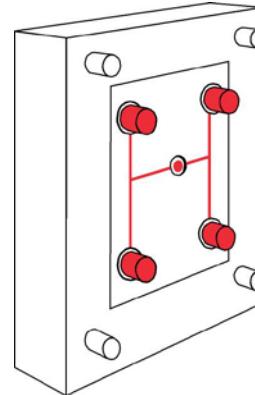


PROCESS: INJECTION

Apt for injection molding, easily processable, good stability during the process, good stiffness and balance of mechanical properties. Recommended for use in fabricating general parts with a medium wall thickness.

Applications: Household items, kitchen utensils, food jars and trays, lids and toys.



PROCESSING RECOMMENDATIONS

INJECTION

Feed	180 °C
Screw	190 to 220 °C
Mold	20 to 60 °C

PROPERTIES

TYPICAL PROPERTIES	ASTM TEST METHOD	UNITS	VALUE
Flow Index 2.16 kg/230 °C	D-1238/95	g/10 min	13
VICAT Softening Point (1 kg)	D-1525/97	°C	154
Heat Deflection Temperature – HDT (455 kPa)	D-648/97	°C	95
IZOD Impact Strength Test at 23 °C	D-256/93	J/m	34
Tensile Strength (at yield point)	D-638/97	MPa	34
Elongation (at yield point)	D-638/97	%	12
Flexural Modulus	D-790/97	MPa	1,500

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:

1. This polymer meets the FDA (Food and Drug Administration) specifications in accordance with the Code of Federal Regulations Title 21, Part 177-1520. Therefore, it may be used in packaging that comes in contact with food. The respective FDA certificates for each product are available at www.petroquim.cl. This polymer is also in compliance with EU Regulation 10/2011 and Mercosur Regulation GMC-RES. 50/01.
2. 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.
3. 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).
4. Petroquim S.A. disclaims any liability that may arise from any misuse of this information, either directly or indirectly.
5. The above values may be changed without prior notice.
6. This version voids and supersedes previous versions.