



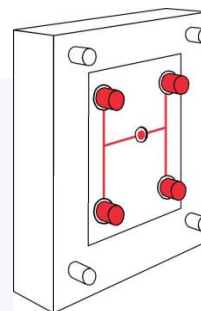
# PH 6011

## POLYPROPYLENE HOPOLYMER

### PROCESS: INJECTION

Apt for injection molding. High flow polypropylene with excellent processability, mold fill, easy de-molded and quick injection cycles. Antistatic additives. Recommended for very thin wall items that require excellent properties such as a very good transparency and shine. The latest clarifier has been added.

**Applications:** Transparent lids, jars and containers for food, hygiene and cosmetic industry.



### PROCESSING RECOMMENDATIONS

#### INJECTION

|       |               |
|-------|---------------|
| Feed  | 160 °C        |
| Screw | 190 to 210 °C |
| Mold  | 20 to 60 °C   |

### PROPERTIES

| TYPICAL PROPERTIES                          | ASTM TEST METHOD | UNITS    | VALUE        |
|---------------------------------------------|------------------|----------|--------------|
| Flow Index 2.16 kg/230 °C                   | D-1238           | g/10 min | <b>60</b>    |
| VICAT Softening Point (10 N)                | D-1525           | °C       | <b>150</b>   |
| Heat Deflection Temperature – HDT (455 kPa) | D-648            | °C       | <b>110</b>   |
| IZOD Impact Strength Test at 23 °C          | D-256            | J/m      | <b>25</b>    |
| Tensile Strength (at yield point)           | D-638            | MPa      | <b>38</b>    |
| Elongation (at yield point)                 | D-638            | %        | <b>8.0</b>   |
| Flexural Modulus                            | D-790            | MPa      | <b>1,750</b> |
| Haze (Specimen thickness 1mm)               | D-1003           | %        | <b>20</b>    |
| Brillo (Specimen thickness 1mm)             | D-523            | u.B      | <b>82</b>    |

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](http://www.petroquim.cl)).
- All the information regarding compliance with food contact regulations can be found on our website: [www.petroquim.cl](http://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

e-mail: [info@petroquim.cl](mailto:info@petroquim.cl)  
 Los Conquistadores 1700, piso 12  
 Providencia - Santiago - Chile  
 Fono: 56-2-23516700  
[www.petroquim.cl](http://www.petroquim.cl)