

**VXD 6200 R**

**Features**

- Polypropylene Homopolymer  
General Purpose Inyectcion  
Moulding grade.
- Narrow molecular weight Distribution
- High Melt Index.
- Standard Additivation.

**Main uses and applications :**

- General purpose injected parts.
- TWIM.

<b>Typical Properties</b>	<b>Test Method</b>	<b>Value</b>	<b>Unit</b>
Melt Index	ASTM D 1238 (230C, 2.16 kg)	30	dg/min
Density	ISO - DIS 1183 (D)	0.905	g/cm <sup>3</sup>

**Note:** The information contained in this bulletin is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

## Food Contact Approval

All Petroken® Polypropylene Grades comply with European and USA (FDA) food contact regulations. Therefore, they are suitable for food packaging. For further information please contact Petroken® Petroquímica Ensenada.

Off-Spec materials have no approval whatsoever and must not be used for food packaging.

## Polypropylene main uses and applications

Uses and applications of Petroken® materials lay under user's strict responsibility

## Medical Applications

Petroken® strongly advises against use of its products in medical applications. For special cases, please contact our Technical department.

## Safety

Handling: Petroken® Polypropylene has no toxic hazard under normal conditions

Processing: When polypropylene is heated during processing, small amounts of fumes may be produced by decomposition or oxidation. To minimize this hazard, all work areas should be adequately ventilated. No decomposition should result from normal processing. However, to avoid a temperature rise to flash or auto-ignition levels, lines processing polypropylene should not be allowed to stand idle at operation temperatures for more than a few minutes.

Petroken® Polypropylene, as it is delivered, is not an ignitable powder. Nevertheless, it can become an ignitable powder if it is reduced to a fine powder or under certain environmental conditions.

## Fire Precautions

Although not easily ignited, Petroken® Polypropylene, like other polymers and organic materials, can be classified as combustible but not highly flammable. Reasonable precautions should be taken to suppress potential sources of ignition in warehouses and storage areas. If large quantities of polypropylene are stored, good housekeeping measures. Including dust prevention, uncluttered access ways, sprinkler systems, etc. should be used.

## Storage

Like other thermoplastics, polypropylene should ideally be stored in dry conditions and at relatively constant temperatures in order to avoid the possibility of condensation problems, which might lead to fluctuations in processing behavior. Polypropylene, which is not appropriately stabilized, is adversely affected by prolonged ultra-violet radiation and must, therefore, be protected from sunlight when in storage.

Due to safety reasons, Petroken recommends to stack pallets on two levels (maximum) from ground when the pallet is clearly stable. Walkways should be kept clear, and product should never be stacked adjacent to walkways.

It is not recommended to stack Flexible Intermediate Bulk Containers (FIBC or "Big Bags") in more than one level from ground. Damages caused to the product, facilities or third parties originated by other stack arrangement than the one recommended by Petroken will remain strictly under customer responsibility.

Shelf life: 3 years from production date, under indicated storage conditions.

## Packaging and Delivery

Petroken® Polypropylene is supplied as natural granules packed in 25 kg bags with identification of the corresponding grade and lot number.

## Compatibility with chemicals

Petroken® does not guarantee compatibility of any of its products with chemicals in general nor its suitability to manufacture containers for such substances. The container manufacturer will be responsible for the corresponding tests on containers meant for such use.

Should any additional information on our products or services be requested, please contact our Technical Department Phone: (54-11) – 4393 - 3010.