

FT – 12 : J 800 – PP

PRODUCT DESCRIPTION: Polypropylene homopolymer with basic stabilization; propylene is the only monomer used for producing the above-mentioned grade; there are not used plasticizers or colored master batches. The product has natural color.

APPLICATIONS: injection , general – purpose items .

PROPERTIES	UM	VALUES	TEST METHOD
PHYSICAL			
MELT FLOW INDEX (230 °C / 2.16 kg)	g/10min	16	ISO 1133 B
DENSITY(23 °C)	g/cm ³	0,900	ISO 1183
MECHANICAL			
YIELD STRENGTH (23 °C, v=50mm/min)	MPa	32	ISO 527/1,2
YIELD STRESS (23 °C, v=50mm/min)	%	9	ISO 527/1,2
FLEXURAL MODULUS (23 °C, v=2mm/min, secant)	MPa	1200	ISO 178
IZOD IMPACT STRENGTH (23 °C, slotted specimen)	KJ/m ²	2,50	ISO 180/1A
THERMICAL			
VICAT SOFTENING TEMPERATURE (A - 50°C/h-10N)	°C	150	ISO 306/A
HEAT DEFLECTION TEMPERATURE (A-120 °C/ h-1.80 Mpa)	°C	50	ISO 75 B

Note:

- The medium value of the mechanical and thermal properties is measured on the standard samples made by injection process (ISO 3167/ ISO 1873-2) conditioned at room temperature (ISO 291)

ADDITIONAL INFORMATIONS:

- The monomers and additives used to produce this product are accepted to be used in accordance with the requirements of Regulation 10/2011/EC and later modifications and completions (Regulation no. 202/2014 and Regulation no. 174/2015), relating to plastic materials and articles intended to come into contact with food.
- **Processing information:**
 - Recommended melt temperature: 200-230°C;
 - Thermal profile recommended for injection: 200-240°C depending on the type of equipment.
- **Packing/delivery:**
 - Packing: 25 kg bags or 1000 kg big-bags
 - Delivery: CP4 Euro pallets (1375 kg /pallet), big-bags (1000 kg) and bulk in container-liner.

OTHER INFORMATIONS:

- The **MSDS** is available by Sales Marketing Rompetrol Refining offices for the customers. The MSDS contains necessary information in order to ensure customers' own safe in handling and processing activity.
- **CONTACT INFORMATION:**
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The integrated management system of quality – environment – health and safety is certified by DNV – GL according to ISO 9001 : 2008, ISO 14001 : 2004 and OHSAS 18001 : 2007