Technical Data Sheet

PH 0522

PP HOMOPOLYMER

Process: RAFFIA EXTRUSION

Apt for raffia extrusion processes in high speed equipment that require good toughness and strength. It shows good processability and productivity, with low water carrier over in extrusion. It has an excellent performance performance in weaving processes, minimizing the formation of dust and lint.

APPLICATIONS

Sacks, big bags, rug bottoms, bottom of artificial grass.

PROPERTIES			
Typical Properties	ASTM Test Method	Units	Value
Melt Flow Index 2.16 kg/230 °C	D-1238	g/10 min	4.8
VICAT Softening Point (10 N)	D-1525	°C	155
Heat Deflection Temperature – HDT (455 kPa)	D-648	°C	115
IZOD Impact Strength Test at 23 °C	D-256	J/m	35
Tensile Strength (at yield point)	D-638	MPa	35
Elongation (at yield point)	D-638	%	10
Flexural Modulus	D-790	MPa	1,650

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. 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.
2. 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).
3. All the information regarding compliance with food contact regulations can be found on our website: www.petroquim.cl
4. 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.
5. Petroquim S.A. disclaims any liability that may arise from any misuse of this information, either directly or indirectly.
6. The above values may be changed without prior notice.
7. This version voids and supersedes previous versions.

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