

TASNEE PP H6020K

POLYPROPYLENE

DESCRIPTION

TASNEE PP H6020K is a Polypropylene Homopolymer with a Melt Flow Rate (MFR) of 2.0 g/10 min.

TASNEE PP H6020K is a high stiff resin designed for thermoforming. It is formulated with state of the art nucleating agent to provide very good top load strength, high stiffness, good processability and excellent transparency and offers improved isotropic dimensional stability combined with high crystallization temperature. This combination of properties gives unique performance of the PP parts “improved process productivity and part quality”.

TASNEE PP H6020K is particularly suitable for the production of drinking cups, dairy cups, butter and margarine containers, vegetable and fruits trays.

TYPICAL PROPERTIES

Physical	Method	Unit	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10min	2.0
Melting Temperature	ISO 3146	°C	165
Vicat Softening Temperature (VST/B/50 k/h (50N)	ISO 306	°C	155
Heat Distortion Temperature @ 455 KPa	ISO 75-2	°C	100
Density	ISO 1183	g/cm ³	0.9

Mechanical	Method	Unit	Values
Tensile Strength @ Yield	ISO 527-2	MPa	36
Tensile Elongation @ Yield	ISO 527-2	%	7.8
Flexural Modulus (1% Secant)	ISO 178	MPa	1600
Izod (Notched) Impact Strength @ 23 °C	ISO 180	kJ/m ²	1.7
Rockwell Hardness	ISO 2039-1	R	100

TYPICAL PROCESSING CONDITIONS*

Extrusion Temperatures	:	220 – 250°C
Melt Temperature	:	240 – 250°C
Sheet Temperature	:	225 –235°C
Roll Stack Temperature	:	70 / 80 / 60°C
Forming window	:	150 – 158°C

* Processing parameters should be used only as guidelines.

FOOD CONTACT STATUS

TASNEE Polypropylene grade complies with recommendations and statutory regulations in the USA and European Union countries regarding packaging materials intended to come in contact with foodstuff. For more details, please, contact **TASNEE** below or our representative in your area.

SAFETY

The Material Safety Data Sheet (MSDS) contains information regarding health, safety and waste considerations for **TASNEE** Polypropylene grade. **TASNEE** urges each customer or recipient of MSDS to study it carefully to become aware of and understand the hazards associated with product. The customer should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire prevention, as necessary or appropriate to use and understand the data contained in the MSDS.

STORAGE

Polypropylene material should be stored in a cool, dry place with adequate ventilation and absence of direct sunlight. Storage under improper conditions may initiate degradation process, adversely influencing processability, properties and visual aspect of transformed articles.

DISCLAIMER

"The information in this publication without prejudice, and is based on our current knowledge and experience and on a limited number of tests".

"In view of the many factors that may affect processing and application, these data do not relieve the receiver of this information from the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose of the products made with or on the basis of the information in this publication".

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