

TASNEE PP H4120

POLYPROPYLENE

DESCRIPTION

TASNEE PP H4120 is a Polypropylene Homopolymer with a Melt Flow Rate (MFR) of 12 g/10min.

TASNEE PP H4120 has good gloss, excellent flow and good mechanical properties.

TYPICAL APPLICATIONS

TASNEE PP H4120 is intended for injection molding for packaging containers, toys, domestic appliances, garden furniture, caps, closures, boxes and household articles.

TYPICAL PROPERTIES

Physical	Method	Unit	Value
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10min	12
Melting Temperature	ISO 11357-3	°C	163
Vicat Softening Temperature	ISO 306	°C	152
Heat Distortion Temperature @ 0.45 MPa	ISO 75-2	°C	102
Density	ISO 1183	g/cm ³	0.9

Mechanical	Method	Unit	Value
Tensile Strength @ Yield	ISO 527-2	MPa	33
Tensile Elongation @ Yield	ISO 527-2	%	10
Flexural Modulus (1% Secant)	ISO 178	MPa	1400
Charpy Impact Strength (Notched) at 23°C	ISO 179/1eA	KJ/m ²	3.0
Rockwell Hardness	ISO 2039-2	R	100

Typical Processing Conditions

Melt Temperature	:	210 ~ 260 °C
Mold Temperature	:	20 ~ 45 °C
Shrinkage	:	1 ~ 2% depending on wall thickness and molding conditions

Note: Processing parameters should only be used as guidelines. The above properties values are not to be construed as specifications.

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