



## TASNEE PP H1030

## POLYPROPYLENE

### DESCRIPTION

**TASNEE PP H1030** is a Polypropylene Homopolymer with a Melt Flow Rate (MFR) of 3 g/10min.

**TASNEE PP H1030** is designed for stretch tape from water bath and chill roll, offering low water-carry-over and low shrinkage. Its good mechanical properties and compliance to food contact regulations allow it to be used in various applications. Typical applications for tape made with our polypropylene grade are: carpet backing, cement bags, woven bags, geo-textile, bulk handling & packaging as jumbo bags & ropes.

**TASNEE H1030** is also a general purpose injection molding grade for technical items.

### TYPICAL PROPERTIES

Physical	Method	Unit	Value
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10min	3
Melting Temperature	ISO 3146	°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 <sup>3</sup>	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	1450
Charpy Impact Strength (Notched) at 23 °C	ISO 179/1eA	KJ/m <sup>2</sup>	4.0
Rockwell Hardness	ISO 2039-2	R	100



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**Typical Processing Conditions\***

Extrusion Temperatures	: 220 ~ 265 °C
Water Bath Temperature	: 35 ~ 45 °C
Orientation Temperatures	
Hot plate	: 100 ~ 140 °C
Hot rolls	: 100 ~ 140 °C
Oven air	: 140 ~ 160 °C
Draw Ratio	: 5 ~ 7