



# Jampilen H1022

Heterophasic copolymer

## Description:

"Jampilen H1022" is a natural polypropylene block copolymer with high melt viscosity and excellent low-temperature impact strength. It contains basic stabilization additives.

## Processing Method:

Extrusion (Sheet, Profile)

## Features:

High melt viscosity  
Excellent low-temperature impact strength  
Heterophasic copolymer

## Typical Applications:

Rigid Profiles and Sheet

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16kg)	0.3	g/10min	ISO 1133
Density	0.901	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Modulus (1 mm/min)	1100	MPa	ISO 527-1, -2
Tensile Strength at Yield (50 mm/min)	25	MPa	ISO 527-1, -2
Tensile Elongation at Yield (50 mm/min)	10	%	ISO 527-1, -2
Tensile Creep Modulus 1h	1020	MPa	ISO 899-1
Tensile Creep Modulus 1000h	500	MPa	ISO 899-1
Charpy impact strength (notched)			ISO 179
23°C	35	kJ/m <sup>2</sup>	
0°C	7	kJ/m <sup>2</sup>	
-30°C	3	kJ/m <sup>2</sup>	
Shore hardness (Shore D)	66	-----	ISO 868
<b>Thermal</b>			
Vicat softening point A50	149	°C	ISO 306
H.D.T. B (0.45 MPa)	75	°C	ISO 75B-1, -2
Melting Temperature	165	°C	ISO 3146

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