

Jampilen F30G

Homopolymer

Description:

"Jampilen F30G" is a medium-high fluidity polypropylene homopolymer for injection moulding. Because of its good flow properties, this grade offers easy mould filling and short cycle times. Articles produced from "Jampilen F30G" exhibit good dimensional stability and high stiffness.

"Jampilen F30G" is widely used for injection moulding consumer goods such as food containers, cool boxes, vacuum flasks, flower pots, toys, garden furniture and small appliances. In the medical sector, "Jampilen F30G" is used for 3-part syringes and a wide range of health-care items. Other applications are closures, caps and crates for products. "Jampilen F30G" is suitable for food contact.

Processing Method:

Injection moulding

Features:

Easy mould filling and short cycle times
Good dimensional stability
High stiffness
Homopolymer

Typical Applications:

Cool boxes, vacuum flasks, flower pots
Food containers
Garden furniture
Toys
3-part syringes
Closures, caps
Crates

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	12	g/10min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Mechanical			
Flexural Modulus	1550	N/mm ²	ISO 178
Tensile Strength at Yield	35	N/mm ²	ISO R 527
Tensile Elongation at Yield	13	%	ISO R 527
Izod Impact Strength (notched) at 23 °C	3.5	kJ/m ²	ISO 180
Hardness Shore D	71	points	ISO 868
Thermal			
Vicat softening point (9.8N)	155	°C	ISO 306/A
H.D.T. (0.46 Mpa)	117	°C	ISO 75/B
Accelerated oven ageing in air at 150 °C	360	hours	ISO 4577