

# Technical Data Sheet

**Category: Polypropylene**

**Product name:**

**PH250J**

**Description:** PH120P is a medium-high fluidity polypropylene homopolymer for injection moulding . because of its good flow properties . PH120P , offers easy mould filling & short cycle times . Articles produced from PH120P , exhibit good dimensional stability & high stiffnes. PH120P is widly used for injection moulding consumer goods such as food containers, cool boxes , vacume flasks , flower pots , toys, garden furniture & small appliances , in the medical sector, PH120P is used for 3-part syringes and a wide range of health-care items. Other applications are closures , caps&crates for products. PH120P is suitable for food contact

**Processing Method:** injection moulding

**Features:** homopolymer good flow properties , easy mould filling&short cycle times good dimensional stability & high stiffnes.

**Typical Applications:** Cool boxes, vacuum flasks,flower pots, closures, caps crates Food containers Garden furniture toys 3-part syringes

## Characteristics:

Property	Value	Unit	(Test Method)
<b>Typical Properties</b>			
Melt Flow Rate(230°C, 2.16kg)	12.0	g/10min	ASTM D1238
Density	0.90	g/m <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Flexural Modulus	1400	MPa	ASTM D790
Tensile Strength at Yield	34	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
İzod Impact Strength(notched) at 23°C	35	J/m	ASTM D256
<b>Thermal</b>			
Vicat softening Point(10N)	154	°C	ASTM D1525
H.D.T. (0.46 MPa)	95	°C	ASTM D648

