

## P-FI-090 Homopolymer

### Description

" Polynar P-FI-090" is a polypropylene homopolymer for injection moulding .

"Polynar P-FI-090" its good flow properties , this grade offers easy processing . Articles produced from "Polynar P-FI-090" exhibit high stiffness.

"Polynar P-FI-090" is widely used for injection moulding consumer goods such as food containers ,house wares,toys & garden furniture. other major applications are components for appliances & parts for the auhomative industry.

"Polynar P-FI-090" is suitable for food contact.

### Processing Method

injection moulding

### Features

homopolymer

good flow properties

easy processing high stiffness

### Typical Applications

Injection moulding consumer goods such as food containers ,house wares,toys , garden furniture & are components for appliances & parts for the auhomative industry.

### Producer

Polynar Petrochemical Company

Typical Properties	Value	Unit	Method
<b>Physical</b>			
Melt Flow Rate (230 oC, 2.16kg)	10	g/10min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Flexural Modulus	1550	MPa	ASTM D790
Tensile Strength at Yield	35	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 oC	37	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
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