



### **NAME: P-FI-090 Homopolymer**

#### **Product 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 automotive industry.

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

#### **Typical Applications:**

Homopolymer, good flow properties, easy processing, high stiffness, injection moulding consumer goods such as food containers ,house, wares, toys , garden furniture & are components for appliances & parts for the automotive industry.

#### **Typical data: (Table)**

Test/Composition	Value	Unit	Method
Melt flow rate(230°C /2.16 kg)	10	dg/min	ASTMD1238
Density	0.9	g/cm3	ASTMD 1505
Flexural Modulus	1550	MPa	ASTMD790
Tensile Strength at Yield	35	MPa	ASTM D 638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	37	J/m	ASTM D256
Vicat softening point (ION)	154	°C	ASTMD 1525
H.D.T (0.46 MPa)	95	°C	ASTM D 648

Main Application: Injection molding Product Type: Homo polymer