



## P-F-040 Homopolymer

### Description

" Polynar P-F-040" is a polypropylene homopolymer for the production of film yarn and monofilament.

"Polynar P-F-040" combines outstanding process ability with good mechanical properties.

"Polynar P-F-040" practicalarly suitable for the high speed extrusion of film yarn for industrial fabrics.

Heavy duty bags,ropes,carpet backing and twines .

"Polynar P-F-040" is suitable for food contact

### Processing Method

Extrusion of sheet for Thermoforming , Film Yarn & Monofilament

### Features

Homopolymer

good mechanical properties

high quality thermoforming

### Typical Applications

Polynar P-F-040 can be used for producing woven bags, Heavy duty bags,,ropes,carpet backing and twines. Seats, toys and automotive industry .

### Producer

Polynar Petrochemical Company

Typical Properties	Value	Unit	Method
<b>Physical</b>			
Melt Flow Rate (230 oC, 2.16kg)	4.0		ASTM D1238
Density	0.90		ASTM D1505
<b>Mechanical</b>			
Flexural Modulus	1500		ASTM D790
Tensile Strength at Yield	34		ASTM D638
Tensile Elongation at Yield	12		ASTM D638
Izod Impact Strength (notched) at 23 oC	55		ASTM D256
<b>Thermal</b>			
Vicat softening point (10N)	156		ASTM D1525
H.D.T. (0.46 Mpa)	94		ASTM D648