

## P-SF-060 Homopolymer

### Description

" **Polynar P-SF-060**" is a polypropylene homo-polymer with good flow properties and particularly suitable for the extrusion of film yarn , monofilament , cast film and sheet . combines outstanding processability with good mechanical properties . film yarn of **Polynar P-SF-060** , is used for baler twines , packaging twines and ropes.

**Polynar P-SF-060** is well suited for the production of monofilament used for instance in brush and broom filling and technical applications.

"**Polynar P-SF-060**" is suitable for the production in film yarn industry for bags & heavy duty jumbo bag.

### Processing Method

Extrusion (film yarn , monofilament ) -sheet- cast film

### Features

good processibility  
good mechanical properties  
homopolymer

### Typical Applications

production in film yarn industry for bags & heavy duty jumbo bag  
Baler twines , packaging twines and ropes. Thin sheet for stationery folders.  
Sheet for thermoforming  
Brush and broom filling and technical applications.  
parts for automotive industry, toys, and the garden furniture

### Producer

Polynar Petrochemical Company

Typical Properties	Value	Unit	Method
<b>Physical</b>			
Melt Flow Rate (230 oC, 2.16kg)	6	g/10min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D1505

<b>Mechanical</b>			
Flexural Modulus	1500	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	30	J/m	ASTM D256
<b>Thermal</b>			
Vicat softening point (10N)	154	° C	ASTM D1525
H.D.T. (0.46 Mpa)	94	° C	ASTM D648

www.polymeran.com