



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 processability

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
Physical			
Melt Flow Rate (230 oC, 2.16kg)	6	g/10min	ASTM D1238
Density	0.90	g/cm ³	ASTM D1505

Mechanical			
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
Thermal			
Vicat softening point (10N)	154	° C	ASTM D1525
H.D.T. (0.46 Mpa)	94	° C	ASTM D648

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