



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:

"Polynar P-SF-060" is suitable for food contact.

Features:

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

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

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	6.0	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 °C	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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