



P-SIF-030

Description

" **Polynar P-SIF-030**" is a polypropylene homopolymer particularly suitable for the extrusion of sheet for thermoforming , film yarn & monofilament .

"**Polynar P-SIF-030**" combines outstanding process ability with good mechanical properties.

"**Polynar P-SIF-030**" is designed for the production of films that can be converted into stretched tapes for weaving applications. textile film yarns with a denier count of not more than 1100 to 1300 and are used for the production of carpet backings, bags, industrial fabrics ,mats and artificial grass. Film yarn with a denier cont ranging from 3000 to 28000 is used for baler twines , packaging twines and ropes.

"**Polynar P-SIF-030**" is suitable for food contact .

Processing Method

Extrusion (film yarn, monofilament , sheet)

Features

Homopolymer

good mechanical properties

consistent processability

Typical Applications

Polynar P-SIF-030 Stiff sheet for high quality thermoforming such as vending cups ,packaging for dairy products and trays for fruit , biscuits and chocolates

Film yarn , raffia , tapes , strapping

Carpet backings,bags, industrial fabrics , mats and artificial grass.

Baler twines ,packaging twines and ropes

Brush and broom filling and technical applications nets for various purposes .

Producer

Polynar Petrochemical Company

Typical Properties	Value	Unit	Method
Physical			
Melt Flow Rate (230 oC, 2.16kg)	3	g/10min	ASTM D1238
Density	0.90	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	1550	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	55	J/m	ASTM D256
Thermal			
Vicat softening point (10N)	156	° C	ASTM D1525
H.D.T. (0.46 Mpa)	94	° C	ASTM D648

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