

NAME: P-SF-060 Homopolymer

Product 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 process ability 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.

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 data: (Table)

Test/Composition	Value	Unit	Method
Melt flow rate (230°C /2.16 kg)	6.0	dg/min	ASTMD1238
Density	0.9	g/cm ³	ASTMD 1505
Flexural Modulus	1500	MPa	ASTMD790
Tensile Strength at Yield	35	MPa	ASTM D 638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	30	J/m	ASTM D256
Vicat softening point (ION)	154	°C	ASTMD 1525
H.D.T (0.46 MPa)	94	°C	ASTM D 648

Main Application: Extrusion (film yarn, monofilament and sheet) Product Type: Homo polymer.