

Technical Data Sheet

Category: Polypropylene

Product name:

P-SF-060

Description: " 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 **P-SF-060** , is used for baler twines , packaging twines and ropes. **P-SF-060** is well suited for the production of monofilament used for instance in brush and broom filling and technical applications. " **P-SF-060**" is suitable for the production in film yarn industry for bags & heavy duty jumbo bag.

Processing Method: "P-SF-060" is suitable for food contact

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

Characteristics:

Property	Value	Unit	(Test Method)
Typical Properties			
Melt Flow Rate(230°C, 2.16kg)	6.0	g/10min	ASTM D1238
Density	0.90	g/m 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

