

Technical Data Sheet

Category: Polypropylene

Product name:

PH030P

Description: PH030P is a polypropylene homopolymer particularly suitable for the extrusion of sheet for thermoforming , film yarn & monofilament . PH030P combines outstanding process ability with good mechanical properties. PH030P is desined 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 rops. PH030P is suitable for food contact .

Processing Method: Extrusion (film yarn, monofilament , sheet)

Features: Homopolymer good mechanical properties consistent processability

Typical Applications: PH030P 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 .

Characteristics:

Property	Value	Unit	(Test Method)
Typical Properties			
Melt Flow Rate(230°C, 2.16kg)	3.0	g/10min	ASTM D1238
Density	0.90	g/m 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
İzod Impact Strength(notched) at 23°C	55	J/m	ASTM D256
Thermal			
Vicat softening Point(10N)	156	°C	ASTM D1525
H.D.T. (0.46 MPa)	94	°C	ASTM D648

