

Prixene® PH030E04

Polypropylene Homopolymer
POLYMAT

Message:

Prixene® PH030E04 is a polypropylene homopolymer resin of lows fluidity index with additives for general use. Appropriate for injection molding, raffia production and bi-oriented films, and in general extrusion. It has excellent processability with good stability of melt, good balance in rigidity / impact, and low transfer of odor and flavour. The application that has this material is in monofilament for strings, mooring cables, fishing nets, bristles for brushes and brooms, industrial bags, flexible containers (big bags), curtains and covers for breeding poultry and agriculture. The features presented are high rigidity and low transfer of odor and flavour. The product form is in pellets. PP Homopolymer for raffia applications. The material complies with FDA regulation title 21.CFR177.1520 (. C) 2.1.

General Information			
Features	Good Processability		
	High Rigidity		
	Homopolymer		
	Low to No Odor		
	Low to No Taste		
Uses	Agricultural Applications		
	Bags		
	Containers		
	Netting		
Agency Ratings	FDA 21 CFR 177.1520(c) 2.1		
Forms	Pellets		
Processing Method	Bi-axially Oriented Film		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.2	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

