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## Zhejiang Market Research

### PP Block Copolymer

#### I. Local market Conditions

##### i. Demand Conditions

The chief application of BB block copolymer in Zhejiang has been in the home appliance industry, with substantial demands from the tubing and modified PP producers. The overall annual consumption of the region is about 130 000 tons. There is a substantial demand coming from the child-carriage and washing-machine producers from Ningbo, Taizhou and Hangzhou, such as × ×, which has an annual demand order of 5000 tons and up. As for pipe, there are a lot of producers in Zhejiang, such as × ×, × ×, but they were once more inclined to produce Random copolymer PPR pipe and now the usage of block copolymer is smooth.

##### ii. Supply Conditions

The supplies of PP block copolymers from Chinese producers can be broken down into low MI and high MI. In Zhejiang, low MI block copolymer includes × × EPS30R, × × K8303/B8101, × × J340/K800, × × and × × EPS30R; × × P340 while high MI mainly contains × × K7726. × × cargoes are sold by the distribution system while × × and × × sell through their agents or directly to downstream producers. Normally, pricing of low MI copolymer is lower than high MI prices by RMB 300/ ton.

Most of block copolymer imports consist of high MI, such as × × M1600, × × J640, × × EP300R in Korea; × × SM240 in Malaysia;

× × AP03B. Most are sold by foreign suppliers to downstream enterprises directly. M1600/SM240 is more flowing in the market, especially in Ningbo.

### iii. Market Highlights

There are two key markets for Zhejiang's block copolymer industry, one being the low MI block copolymers, with most consumption occurring in Taizhou. Local market is mainly producing small products, such as little fittings, paint barrel, containers.

The other major market is the high MI block copolymer, With major consumptions in Hangzhou, Ningbo and Jiaxing. Most of the companies operate on a large scale, producing goods such as plastics for use in washing machines.

## II. Product Application

Chief Application Description

In Zhejiang, high MI polymer is applied in big electric appliances parts, including the inside barrels of washing machine while low MI block copolymer is for small products, such HA fittings, paint barrels.

## III. Product Details

**Table of Products with corresponding details**

Producer	Grade	Specification	
		Density	MI
× ×	J340	0.9	0.98-2.0
× ×	K8003	0.9	2.5
× ×	K8303	0.9	1.5
× ×	K7726	0.905	29
× ×	B8101	0.9	0.45
× ×	1340	0.91	1.2
× ×	EPS30R	0.9	1.0-2.0
× ×	EPS30R	0.9	1.5
× ×	M1600	0.9	25
× ×	J640	0.9	10
× ×	JM370K	0.9	30
× ×	SM240	0.9	25
× ×	AP03B	0.9	30

× ×	AZ564	0.9	30
× ×	EP300R	0.9	30

#### IV. Market Price Trends

Recent Market Price trend in Zhejiang

Zhejiang PP Block Copolymer Price Curve

