

# POLYCOMPO PE 401

Low Density Polyethylene

POLYCOMPO Co.,Ltd.

## Message:

POLYCOMPO PE 401 is a Low Density Polyethylene product. It can be processed by injection molding and is available in Asia Pacific. Typical application: Caps/Lids/Closures.

Characteristics include:

Good Aesthetics

High Gloss

General Information			
Features	Good Surface Finish High Gloss		
Uses	Caps		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)	1.6	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	53		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, Injection Molded)	28.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	130	%	ISO 527-2
Flexural Modulus (Injection Molded)	180	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.0	°C	ASTM D746A, ISO 974
Vicat Softening Temperature	94.0	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	109	°C	ASTM D3418, ISO 3146

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## 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



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