

PRIMATOP PP HOMO 040

Polypropylene Homopolymer

Amco Polymers

Message:

PRIMATOP PP HOMO 040 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in North America for cast film.

Important attributes of PRIMATOP PP HOMO 040 are:

Food Contact Acceptable

Homopolymer

Stabilized

Typical applications include:

Adhesives/Tapes

Fabrics/Fibers

Film

Food Contact Applications

Straps/Ropes

General Information			
Additive	Unspecified Stabilizer		
Features	Food Contact Acceptable		
	Good Stability		
	High Melt Stability		
	Homopolymer		
	Low Water Carryover		
Uses	Cast Film		
	Hi-speed Slit-film Fibers		
	Rope		
	Tape		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.903	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	109		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	39.3	MPa	ASTM D638
Tensile Elongation ² (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1520	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
NOTE			

1.	50 mm/min
2.	50 mm/min
3.	1.3 mm/min

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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

