

# Jampilen HP554P

Polypropylene Homopolymer

Jam Polypropylene Company

## Message:

Jampilen HP554P is a high Fluidity polypropylene homopolymer for the production of fine denier staple fiber with improved thermo-bonding ability for nonwoven fabrics. The product exhibits excellent antigasfading properties. Jampilen HP552 offers outstanding process stability and spinning behavior on short-spinning lines and some specific long-spinning lines. The thermal-bonding ability is high and allows the production of nonwoven fabrics with higher tear strength or with lower weight per m<sup>2</sup> for the same strength. The fabrics made with Jampilen HP552R are characterized by softness, textile-like appearance and tear resistance. The typical applications are overstock for diapers, feminine care products, thermo-bonded nonwoven and incontinence pads. Other applications are wipes, filters and fabrics for the clothing and furniture industry.

General Information			
Features	Gas-fading Resistant		
	Good Heat Seal		
	Good Tear Strength		
	High Flow		
	Homopolymer		
	Soft		
Uses	Fabrics		
	Filaments		
	Filters		
	Nonwovens		
	Sanitary Products		
	Yarn		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	95.0	°C	ASTM D648

Vicat Softening Temperature	154	°C	ASTM D1525 <sup>1</sup>
Accelerated Oven Ageing (150°C)	120	hr	ASTM D3012

NOTE

1. Loading 1 (10 N)

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

