

# Jampilen HP562R

Polypropylene Homopolymer

Jam Polypropylene Company

## Message:

Jampilen HP562R is a high melt flow homopolymer with narrow molecular weight distribution for the high speed production of low denier continuous filament for spun bonded, nonwoven fabrics. The major applications for spun bonded fabrics made of Jampilen HP562R are diapers, medical and sanitary tissues, protective fabrics for agricultural, industrial and medical applications, backings and linings for the furniture, bedding and carpet industries. Jampilen HP562R can also be used for the production of partially oriented yarn and bulked continuous filament. Jampilen HP562R is suitable for food contact.

General Information			
Features	Food Contact Acceptable		
	High Flow		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	BCF Yarn		
	Fabrics		
	Filaments		
	Nonwovens		
	Sanitary Products		
	Spunbond Nonwovens		
	Staple Fibers		
	Textile Applications		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	92		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus	1200	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)	92.0	°C	ASTM D648
Vicat Softening Temperature	151	°C	ASTM D1525 <sup>1</sup>

Accelerated Oven Ageing (150°C)	150	hr	ASTM D3012
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## 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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