Jampilen HP557N

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP557N is a medium-high fluidity homopolymer designed for the production of staple fibers and exhibits excellent antigasfading properties. Jampilen HP557N offers high process stability and good thermal-bonding ability. Jampilen HP557N is mainly used for the production of staple fibers for nonwoven fabrics for feminine care products, diapers, medical disposables, wipes, filters and linings. Jampilen HP557N is suitable for food contact.

General Information			
Features	Food Contact Acceptable Gas-fading Resistant Good Processability Good Processing Stability High Flow Homopolymer		
Uses	Fibers Medical/Healthcare Applications Nonwovens Sanitary Products Staple Fibers		
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)	12	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)	34.0	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 [1]
Accelerated Oven Ageing (150°C)	150	hr	ASTM D3012
NOTE			

1.	Loading 1 (10 N)

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