



Grade	SFR-171H
Product	Polypropylene, Homopolymer

General Information

Key Features

- Optimized for spunbond nonwovens application
- Excellent formability, spinnability, extensibility, anti-gasfading stabilization

Applications

- Diaper, sanitary napkin, and filters
- Other agricultural/industrial use

Component	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16 kg)	ASTM D1238	g/10min	34
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	350
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm ²	16,000
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf-cm/cm	3.0
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	110

1. Physical Properties : these are not to be construed as specifications



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