

## ASTM Property

<b>Grade</b>	SFR-171H
<b>Product</b>	Polypropylene, Homopolymer

### General Information

**Key Features**

- Spunbond, nonwovens application
- Formability, Spinnability, Extensibility, Anti-gasfading stabilization

**Applications**

- Diaper, Sanitary napkin, Filter, Agricultural/Industrial use

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

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

\* The last update date : 2026/06/01