



Grade	SFI-841A
Product	Polypropylene, Random Terpolymer

General Information

Key Features	<ul style="list-style-type: none"><li>- Low heat-seal temperature and wide hot-tack range.</li><li>- Excellent transparency, glossiness and processibility.</li><li>- Containing anti-blocking agent.</li></ul>
Applications	IOPP Film, Shrink Film (food packaging)

Item	Measuring Method	Unit	Value
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Physical Properties

Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	5.5
Density	ASTM D792	g/cm <sup>3</sup>	0.9

Mechanical Properties

Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	190
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	6,500

Impact Properties

Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	10
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Thermal Properties

Melting Temperature	LC Method	°C	128
VICAT Softening Temperature	ASTM D1525	°C	111

Film Properties

Haze	ASTM D1003	%	<1.5
Heat Seal Temperature	LC Method	°C	116

1. Physical Properties : these are not to be construed as specifications
2. Measured on 40  $\mu$ m mono-layer CPP film made of LOTTE CHEMICAL's cast film grade
3. ISO 9001, 14001, /TS 16949

\* The last update date : 2024/11/06