

<b>Grade</b>	SFI-841A
<b>Product</b>	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
<b>Physical Properties</b>			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	5.5
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical Properties</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	200
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	6,800
Rockwell Hardness	ASTM D785	R	80
<b>Thermal Properties</b>			
Melting Temperature	LC Method	°C	130
VICAT Softening Temperature	ASTM D1525	°C	114
<b>Film Properties</b>			
Haze	ASTM D1003	%	<1.5
Heat Seal Temperature	LC Method	°C	118

1. Physical Properties : these are not to be construed as specifications
2. Measured on 30 $\mu$ m mono-layer CPP film made of LOTTE CHEMICAL's cast film grade
3. ISO 9001, 14001, /TS 16949

\* The last update date : 2023/04/17