

HI-ZEX[®] (Film) Product Data Sheet

Testing Items	Unit	Testing Method *1			Film				
		JIS K	ISO	ASTM	3300F	3600F	7000F	8000F	
General Physical Properties	Melt Index	g/10min	7210	1133		1.1	1.0	0.04	0.03
	Density	kg/m ³	7112	1183		950	958	952	948
Mechanical Properties	Tensile Stress At Yield	MPa	7161 7162	527-1 527-2		21	26	27	23
	Elongation At Break	%				>500	>500	>500	>500
	Tensile Modulus	MPa		800	1200	1200	1000		
	Flexus Modulus	MPa	7171	178		800	1200	1200	1000
	Charpy Impact Strength	kJ/m ²	7111	179-1		NB	10	NB	NB
	Shore D Hardness	—	7215	868		62	66	64	61
Chemical Properties	E.S.C.R	hours	—	—	D1693	30	10	>600	>600
Thermal Properties	Vicat Softening Point	°C	7206	306		123	123	124	122
	Melting Point	°C	7121	11357-3		132	133	131	130
Characteristics					Packing Property	High Stiffness	Impact Strength	High Impact Strength	
					Stiffness	High Strength			
Main Application					Protection Film	Stiffness Improvement	Enhanced Ultra Thin Film	Enhanced Ultra Thin Film	
					Twisting Type Packaging	Twisting Type Packaging			

*1) Specimen preparation according to JIS K7151 (ISO293) and 7152 (ISO294) (Load at 2.16kg)

Melt Index above 1g/10min: Injection molding specimen

Melt Index below 1g/10min: Pressed sheet specimen

- ◇ Statistics shown in the information are typical data tested under specific conditions.
- ◇ Applications usage that is mentioned in the information might not be the usage of specified grade in the end product.
- ◇ Pertaining to the usage and application recommendation information, please note the rights of the patentees.
- ◇ In the usage of medical utensile and medicinal products, please be advised to have further consultation.
- ◇ Please understand that the information provided herein is subjected to change without prior notice.