Producer: Prime Polymer Co., Ltd. / Japan

HI-ZEX® 8000F

Description:

Film grade

Characteristics:

- High Impact Strength

Application:

- Enhanced Ultra Thin Film

Typical Properties:

PROPERTIES	UNIT	TEST METHOD *1			VALUE
		JIS K	ISO	ASTM	
General Physical Properties					
Melt Index	g/10 min	7210	1133		0.03
Density	kg/m^3	7112	1183		948
Mechanical properties					
Tensile Stress At Yield	Mpa	7161	527-1		23
Elongation At Break	%				>500
Tensile Modulus	Mpa	7162	527-2		1000
Flexus Modulus	Mpa	7171	178		1000
Charpy Impact Strength	kJ/m^2	7111	179-1		NB
Shore D Hardness	-	7215	868		61
Chemical properties					
E.S.C.R	hours	-	-	D 1693	>600
Thermal properties					
Vicat Softening Point	°C	7206	306		122
Melting Point	°C	7121	11357-3		130

*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.

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