

Producer: Prime Polymer Co., Ltd. / Japan

HI-ZEX® 640UF

Description:

Film grade

Characteristics:

- High Speed Mouldability
- High Strength

Application:

- Enhanced Down-gauge Film
- Ultra Thin Film

Typical Properties:

PROPERTIES	UNIT	TEST METHOD ^{*1}			VALUE
		JIS K	ISO	ASTM	
<u>General Physical Properties</u>					
Melt Index	g/10 min	7210	1133		0.21
Density	kg/m ³	7112	1183		947
<u>Mechanical properties</u>					
Tensile Stress At Yield	Mpa	7161	527-1		23
Elongation At Break	%				300 <
Tensile Modulus	Mpa	7162	527-2		1000
Flexus Modulus	Mpa	7171	178		1000
Charpy Impact Strength	kJ/m ²	7111	179-1		30
Shore D Hardness	-	7215	868		64
<u>Chemical properties</u>					
E.S.C.R	hours	-	-	D 1693	1000 <
<u>Thermal properties</u>					
Vicat Softening Point	°C	7206	306		122
Melting Point	°C	7121	11357-3		131

^{*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.