



- [Products](#)[Business](#)[Application](#)[Product Line](#)[Corporate Profile](#)[Global Network](#)
- [Chemicals](#)[Construction Materials](#)[Machinery](#)

# POLYETHYLENE F023

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- [Properties](#)[Additives](#)[Features](#)[Applications](#)

## Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	0.8	ASTM D1238
Density	kg/m <sup>3</sup>	923	ASTM D1505
Melting point	°C	111	UBE method
Tensile strength	MPa	18	ASTM D638
Tensile elongation	%	700	ASTM D638
Flexural strength(Olsen)	MPa	170	ASTM D747
Hardness	(HDD)	55	ASTM D2240
Vicat softening point	°C	96	ASTM D1525
Brittle temperature	°C	<-75	ASTM D746

- \* These values are typical properties and not to be considered as specifications.
- \* Specimens are prepared from compression-molded sheets.

## Additives

- Slip agent, Antiblocking agent, Antioxidant

## Features

- High transparency, High glossiness, Toughness

## Applications

- Blown film
- High transparent thick film, Fashion bag