

# POLYETHYLENE J6016

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UBE POLYETHYLENE (HP-LDPE)

**Properties****Additives****Features****Applications**

## Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	60	ASTM D1238
Density	kg/m <sup>3</sup>	916	ASTM D1505
Melting point	°C	106	UBE method
Tensile strength	MPa	8	ASTM D638
Tensile elongation	%	500	ASTM D638
Flexural strength(Olsen)	MPa	100	ASTM D747
Hardness	(HDD)	44	ASTM D2240
Vicat softening point	°C	76	ASTM D1525
Brittle temperature	°C	-30	ASTM D746

\* These values are typical properties and not to be considered as specifications.

\* Specimens are prepared from compression-molded sheets.

## Additives

- Antioxidant

## Features

- Moldability, Flowability, Flexibility

## Applications

- Injection molding, Modifier
- Cap, Daily necessities