

# POLYETHYLENE B028

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UBE POLYETHYLENE (HP-LDPE)

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

## Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	0.4	ASTM D1238
Density	kg/m <sup>3</sup>	927	ASTM D1505
Melting point	°C	114	UBE method
Tensile strength	MPa	19	ASTM D638
Tensile elongation	%	700	ASTM D638
Flexural strength(Olsen)	MPa	200	ASTM D747
Hardness	(HDD)	57	ASTM D2240
Vicat softening point	°C	102	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

- Additive-free

## Features

- Stiffness, Glossiness

## Applications

- Blow molding, Blown film, Sheet
- Bottle, Sheet, Foam, PP modification