

# POLYETHYLENE F120N

UBE POLYETHYLENE (HP-LDPE)

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

## Properties

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Item	Unit	Nominal value	Test method
MFR	g/10min	1.2	ASTM D1238
Density	kg/m <sup>3</sup>	920	ASTM D1505
Melting point	°C	109	UBE method
Tensile strength	MPa	18	ASTM D638
Tensile elongation	%	750	ASTM D638
Flexural strength(Olsen)	MPa	160	ASTM D747
Hardness	(HDD)	54	ASTM D2240
Vicat softening point	°C	94	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

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- Additive-free

## Features

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- Toughness

## Applications

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- Blown film
- Thick film, L-LDPE modification, Lamination film

