



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

POLYETHYLENE F522N

Print

UBE POLYETHYLENE (HP-LDPE)

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

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	5	ASTM D1238
Density	kg/m ³	922	ASTM D1505
Melting point	°C	110	UBE method
Tensile strength	MPa	14	ASTM D638
Tensile elongation	%	550	ASTM D638
Flexural strength(Olsen)	MPa	150	ASTM D747
Hardness	(HDD)	52	ASTM D2240
Vicat softening point	°C	90	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

- Processability, Transparency, Glossiness

Applications

- Blown film, Cast film
- Thin film
- Base resin of master batch