

POLYETHYLENE J5019

UBE POLYETHYLENE (HP-LDPE)

Properties Additives Features Applications

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	50	ASTM D1238
Density	kg/m ³	919	ASTM D1505
Melting point	°C	108	UBE method
Tensile strength	MPa	8	ASTM D638
Tensile elongation	%	250	ASTM D638
Flexural strength(Olsen)	MPa	110	ASTM D747
Hardness	(HDD)	45	ASTM D2240
Vicat softening point	°C	78	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

- Additive-free

Features

- Moldability, Flowability

Applications

- Injection molding, Modifier
- Cap, Daily necessities, PE wax base, Chlorinated PE base

