

POLYETHYLENE F019

Print

UBE POLYETHYLENE (HP-LDPE)

Properties

Additives

Features

Applications

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	0.9	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	%	700	ASTM D638
Flexural strength(Olsen)	MPa	140	ASTM D747
Hardness	(HDD)	49	ASTM D2240
Vicat softening point	°C	92	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

- Slip agent, Antiblocking agent, Antioxidant

Features

- Toughness, Flexibility, Heat seal performance

Applications

- Blown film
  - Liquid packing, Inner bag, Wrapping film