

POLYETHYLENE R300

Print

UBE POLYETHYLENE (HP-LDPE)

Properties

Additives

Features

Applications

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	0.35	ASTM D1238
Density	kg/m <sup>3</sup>	920	ASTM D1505
Melting point	°C	109	UBE method
Tensile strength	MPa	21	ASTM D638
Tensile elongation	%	750	ASTM D638
Flexural strength(Olsen)	MPa	150	ASTM D747
Hardness	(HDD)	54	ASTM D2240
Vicat softening point	°C	93	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

- Toughness, High heat seal performance

Applications

- Blown film, Sheet, Foam, Tube
- Heavy duty packaging, Shrink film, Inner bag, L-LDPE modification
- Thick film, Sheet, Foam, PP modification