

POLYETHYLENE R500

UBE POLYETHYLENE (HP-LDPE)

Properties	Additives	Features	Applications
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Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	0.5	ASTM D1238
Density	kg/m ³	922	ASTM D1505
Melting point	°C	110	UBE method
Tensile strength	MPa	20	ASTM D638
Tensile elongation	%	750	ASTM D638
Flexural strength(Olsen)	MPa	170	ASTM D747
Hardness	(HDD)	55	ASTM D2240
Vicat softening point	°C	96	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

- Antioxidant

Features

- High transparency, High glossiness, Toughness

Applications

- Blown film
- Heavy duty packaging, Shrink film, L-LDPE modification

