



- Products
- Business
- Application
- Product Line
- Corporate Profile
- Global Network
- Chemicals
- Construction Materials
- Machinery

UMERIT® 021GT

Print

UBE SUPERPOLYETHYLENE UMERIT® (Metallocene L-LDPE)

- Properties
- Additives
- Features
- Applications

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	6	ASTM D1238
Density	kg/m ³	919	ASTM D1505
Melting point	°C	104, 116	UBE method
Tensile strength	MPa	28	ASTM D638
Tensile elongation	%	780	ASTM D638
Flexural Modulus	MPa	290	ASTM D790
Hardness	(HDD)	55	ASTM D2240
Vicat softening point	°C	95	ASTM D1525
ESCR F ₅₀	h	300	ASTM D1693

- * These values are typical properties and not to be considered as specifications.
- * Specimens are prepared from compression-molded sheets.

Additives

- Antioxidant

Features

- Excellent in bag-breaking strength
- Heat resistance

Applications

- Extrusion lamination film