

UMERIT[®] 631J

UBE SUPERPOLYETHYLENE UMERIT[®] (Metallocene L-LDPE)

Properties	Additives	Features	Applications
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Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	20	ASTM D1238
Density	kg/m ³	931	ASTM D1505
Melting point	°C	121	UBE method
Tensile strength	MPa	23	ASTM D638
Tensile elongation	%	800	ASTM D638
Flexural Modulus	MPa	500	ASTM D790
Izod impact strength	kJ/m ²	NB	ASTM D256
Hardness	(HDD)	60	ASTM D2240
Vicat softening point	°C	107	ASTM D1525
ESCR F ₅₀	h	20	ASTM D1693

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

Additives

- Antioxidant

Features

- Toughness, Flowability, Stiffness

Applications

- Injection molding, PP-HDPE modification
- Lid of container

