

UMERIT® 613A

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UBE SUPERPOLYETHYLENE UMERIT® (Metallocene L-LDPE)

PropertiesAdditivesFeaturesApplications

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	30	ASTM D1238
Density	kg/m ³	913	ASTM D1505
Melting point	°C	97, 113	UBE method
Tensile strength	MPa	30	ASTM D638
Tensile elongation	%	850	ASTM D638
Flexural Modulus	MPa	190	ASTM D790
Izod impact strength	kJ/m ²	NB	ASTM D256
Hardness	(HDD)	50	ASTM D2240
Vicat softening point	°C	87	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

- Flexibility, Transparency, Toughness
- Flowability

Applications

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