

UMERIT[®] 4040F

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

Properties	Additives	Features	Applications
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Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	4	ASTM D1238
Density	kg/m ³	937	ASTM D1505
Melting point	°C	126	UBE method
Tensile strength	MPa	37	ASTM D638
Tensile elongation	%	780	ASTM D638
Flexural Modulus	MPa	760	ASTM D790
Izod impact trength	kJ/m ²	NB	ASTM D256
Hardness	(HDD)	64	ASTM D2240
Vicat softening point	°C	119	ASTM D1525
ESCR F ₅₀	h	600	ASTM D1693

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

Additives

- Antioxidant

Features

- Heat resistance, Stiffness
- Excellent in cast film molding

Applications

- Film, Sheet
- Mono and multi layer film

