

UMERIT® 3540F

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UBE SUPERPOLYETHYLENE UMERIT® (Metallocene L-LDPE)

Properties**Additives****Features****Applications**

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	4	ASTM D1238
Density	kg/m ³	931	ASTM D1505
Melting point	°C	123	UBE method
Tensile strength	MPa	37	ASTM D638
Tensile elongation	%	780	ASTM D638
Flexural Modulus	MPa	520	ASTM D790
Izod impact strength	kJ/m ²	NB	ASTM D256
Hardness	(HDD)	61	ASTM D2240
Vicat softening point	°C	114	ASTM D1525
ESCR F ₅₀	h	>1000	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, Boiling resistance, Stiffness
- Excellent in cast film molding

Applications

- Film, Sheet
- Mono and multi layer film