

UMERIT® 0540F

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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	904	ASTM D1505
Melting point	°C	87, 111	UBE method
Tensile strength	MPa	42	ASTM D638
Tensile elongation	%	715	ASTM D638
Flexural Modulus	MPa	140	ASTM D790
Izod impact strength	kJ/m ²	NB	ASTM D256
Hardness	(HDD)	44	ASTM D2240
Vicat softening point	°C	81	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

- Very low heat seal temperature, Transparency, Toughness, Flexibility
- Excellent in blown film molding

Applications

- Film, Sheet
- Mono and multi layer film, Modification