

UMERIT[®] 4540F

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	944	ASTM D1505
Melting point	°C	128	UBE method
Tensile strength	MPa	28	ASTM D638
Tensile elongation	%	800	ASTM D638
Flexural Modulus	MPa	920	ASTM D790
Izod impact trength	kJ/m ²	10	ASTM D256
Hardness	(HDD)	67	ASTM D2240
Vicat softening point	°C	123	ASTM D1525
ESCR F ₅₀	h	30	ASTM D1693

* These values are typical properties and not to be considered as specifications.

* Specimens are prepared from compression-molded sheets.

Additives

- Antioxidant

Features

- Semi-retort resistance, Stiffness
- Excellent in cast film molding

Applications

- Film, Sheet
- Mono and multi layer film

