

UMERIT® 2040FC

Print

UBE SUPERPOLYETHYLENE UMERIT® (Metallocene L-LDPE)

Properties

Additives

Features

Applications

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	5	ASTM D1238
Density	kg/m ³	919	ASTM D1505
Melting point	°C	117	UBE method
Tensile strength	MPa	36	ASTM D638
Tensile elongation	%	755	ASTM D638
Flexural Modulus	MPa	280	ASTM D790
Izod impact strength	kJ/m ²	NB	ASTM D256
Hardness	(HDD)	52	ASTM D2240
Vicat softening point	°C	104	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

- Stiffness, Impact resistance, Heat sealability, Blocking resistance
- Excellent in cast film molding

Applications

- Film, Sheet
- Mono and multi layer film