

UMERIT® 2525F

Linear Low Density Polyethylene

UBE America, Inc.

Message:

UBE super polyethylene UMERIT® are ethylene alpha-olefin copolymers produced using metallocene catalyst by gas phase process. The metallocene catalytic method results in superior physical properties by being able to acquire any targeted molecular structures. Therefore UMERIT®2525F offer various excellent properties.

- Excellent heat resistance
- Well-balanced of impact strength and stiffness
- Low taste/odor
- Good film appearance : reduced fish-eyes and lower Haze/Higher Gloss

General Information			
Features	Copolymer		
	Good Impact Resistance		
	Good Stiffness		
	High Gloss		
	High Heat Resistance		
	Low to No Odor		
	Low to No Taste		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR)	2.5	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	1000	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	57		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	36.0	MPa	ASTM D638
Tensile Elongation (Break)	720	%	ASTM D638
Flexural Modulus	330	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	113	°C	ASTM D1525
Melting Temperature	121	°C	

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