

## UBE UMERIT 2525F Metallocene LLDPE

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Injection Molded

### Material Notes:

Description: UBE Super Polyethylene Umerit® is an ethylene-olefin copolymer made by UBE using the metallocene catalytic method. The metallocene catalytic method results in superior physical properties by being able to acquire any targeted molecular structures. Specific Notes for this Grade: UMERIT® 2525F offers 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. Information provided by UBE.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_UBE-UMERIT-2525F-Metallocene-LLDPE.php](http://www.lookpolymers.com/polymer_UBE-UMERIT-2525F-Metallocene-LLDPE.php)

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in <sup>3</sup>	ASTM D1505
Environmental Stress Crack Resistance	1000 hour	1000 hour	F50; ASTM D1693
Melt Flow	2.5 g/10 min	2.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	57	57	ASTM D2240
Tensile Strength, Yield	36.0 MPa	5220 psi	ASTM D638
Elongation at Break	715 %	715 %	ASTM D638
Tensile Modulus	0.330 GPa	47.9 ksi	Bending Modulus; ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	121 °C	250 °F	UBE method
Vicat Softening Point	113 °C	235 °F	ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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