

## UBE UBEPOL BR150 Synthetic Rubber (Compound)

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

**Material Notes:**

Description: UBEPOL BR is UBE's line of polybutadiene rubber products. Information provided by UBE.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_UBE-UBEPOL-BR150-Synthetic-Rubber-Compound.php](http://www.lookpolymers.com/polymer_UBE-UBEPOL-BR150-Synthetic-Rubber-Compound.php)

Physical Properties	Metric	English	Comments
Mooney Viscosity	51.6 @Temperature 100 °C	51.6 @Temperature 212 °F	ML1+4; ASTM D1646

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	0.590 MPa	85.6 psi	
Elongation at Break	1220 %	1220 %	
Modulus of Elasticity	0.000290 GPa	0.0421 ksi	600% Modulus
50% Modulus	0.000220 GPa	0.0319 ksi	
300% Modulus	0.000250 GPa	0.0363 ksi	

Thermal Properties	Metric	English	Comments
Shrinkage	48 %	48 %	Mill Shrinkage

Processing Properties	Metric	English	Comments
Extrusion Rate	72.7 g/min	72.7 g/min	
Cure Time	10.3 min	0.172 hour	t10
	12.6 min	0.210 hour	t90

Descriptive Properties	Value	Comments
Die Swell	4.52 g/min	

## Contact Songhan Plastic Technology Co.,Ltd.

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