

UBE UBEPOL BR150L Non-Oil Extended Synthetic Rubber Vulcanizate (Cured 50 Minutes at 145°C)

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-BR150L-Non-Oil-Extended-Synthetic-Rubber-Vulcanizate-Cured-50-Minutes-at-145C.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	63	63	ASTM D412
Tensile Strength at Break	18.5 MPa	2680 psi	ASTM D412
Elongation at Break	500 %	500 %	ASTM D412
100% Modulus	0.00230 GPa	0.334 ksi	ASTM D412
200% Modulus	0.00560 GPa	0.812 ksi	ASTM D412
300% Modulus	0.0102 GPa	1.48 ksi	ASTM D412
Rebound	60 %	60 %	BS.903,PART22
Tear Strength	51.0 kN/m	291 pli	ASTM D624
Abrasion	108	108	Lombourn Abrasion Index (Iwamoto Seisakusyo, Japan); UBE Method
	228	228	Pico Abrasion Index; ASTM D2228
Compression Set	14 %	14 %	Method B, 70°C, 72hrs; ASTM D395

Descriptive Properties	Value	Comments
Cut Generation De Mattia Flexing Machine	Min 300,000 times	ASTM D430
Cut Growth (2mm-->15mm) De Mattia Flexing Machine	2400 times	ASTM D313
Goodrich Flex, 0.175" Stroke, 55lb, 100°C, P.S.	6%	ASTM D623 (29°C change in temperature)
Wet Skid Resistance on Safety-Walk	18	UBE Method (British Portable Skid Resistance Tester)

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