

UBE UBEPOL BR153A Oil-Extended BR 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-BR153A-Oil-Extended-BR-Synthetic-Rubber-Vulcanizate-Cured-50-Minutes-at-145C.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	ASTM D412
Tensile Strength at Break	18.3 MPa	2650 psi	ASTM D412
Elongation at Break	440 %	440 %	ASTM D412
100% Modulus	0.00280 GPa	0.406 ksi	ASTM D412
200% Modulus	0.00730 GPa	1.06 ksi	ASTM D412
300% Modulus	0.0124 GPa	1.80 ksi	ASTM D412
Rebound	53 %	53 %	BS.903,PART22
Tear Strength	52.0 kN/m	297 pli	ASTM D624
Abrasion	98	98	Lombourn Abrasion Index (Iwamoto Seisakusyo, Japan); UBE Method
	207	207	Pico Abrasion Index; ASTM D2228
Compression Set	13 %	13 %	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	700 times	ASTM D313
Goodrich Flex, 0.175" Stroke, 55lb, 100°C, P.S.	6%	ASTM D623 (26°C change in temperature)
Wet Skid Resistance on Safety-Walk	21	UBE Method (British Portable Skid Resistance Tester)

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