

Dynasol Calprene® 248 Medium CIS Polybutadiene (38%)

Category : Polymer , Thermoset

Material Notes:

Calprene 248 is a medium CIS polybutadiene (38 %), polymerized in solution. This product has an excellent mixing and processing behavior. It is used as ingredient in tire compounds and in other applications where good performance at low temperatures, excellent abrasion resistance, low heat build-up and good dynamic fatigue resistance are needed. It is packed in bales wrapped in low melting point polyethylene film. Applications: Tires Mechanical rubber goods Plastic modifications Blends with other polymers Compound Test Recipe: ISO-2476 (A). IBR #7 Information provided by Dynasol.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dynasol-Calprene-248-Medium-CIS-Polybutadiene-38.php

Physical Properties	Metric	English	Comments
Mooney Viscosity	86	86	Compounded, ML 1+4; ASTM D1646
	48	48	ML 1+4; ASTM D1646
	@Temperature 100 °C	@Temperature 212 °F	
Ash	<= 0.20 %	<= 0.20 %	ASTM D5667
Collected Volatile Condensable Material	<= 0.75 %	<= 0.75 %	ASTM D5668

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	16.0 MPa	2320 psi	Compounded, 35 mins.; ISO 37
300% Modulus	0.00920 GPa	1.33 ksi	Compounded, 35 mins.; ISO 37

Descriptive Properties	Value	Comments
Gel Content	Max 4 %	MA 04-3-01
Hunterlab Color	3	ASTM D1925-70

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