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Sabor™ DT100

Sabor™DT100 is a clear non-staining NSBR terpolymer produced by the cold emulsion process. It is recommended when solvent or oil resistance is required. Recommended for industrial and automotive applications, mechanical goods, shoe soles, heels and etc.

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PRODUCT DATA

Description

Acrylonitrile-butadiene- styrene terpolymer	
Stabilizer	Non-staining
Emulsifier	Mixed Acid
Coagulant	Alum

Specifications

Volatile content, % max.	0.50
Organic Acid content, %	2.00 ± 1.00
Raw Viscosity	48 ± 5
Acrylonitrile content	30.0 ± 1.5
Styrene content	5.0 ± 1.0

Rheometer Properties

ML, in-lbs.	TBD
MH, in-lbs.	TBD
ts1, minutes	TBD
t'90, minutes	TBD

Stress Strain Properties

Tensile, PSI	TBD
300% Modulus, PSI	TBD
Elongation%	TBD

Standard Test Formula

Sabor ® DT100	100.00
IRB#7 Carbon Black	40.00
Zinc Oxide	3.00
TBBS	0.70
Sulfur	1.50
Stearic Acid	1.00

Test Methods

Volatiles	ASTM D5668
Acid	ASTM D5774
Raw Mooney Viscosity	ASTM D1646 MML1+4@100 °C
Rheometer Properties	ASTM ASTM D5289 100cpm, 0.5 degree arc, 160 °C, 0 preheat
Stress Strain	ASTM D412 Cured 40' @ 150°C
MIM mix	ASTM D3187