



PRODUCT DATA

CARBOMIX[®] MDS515

CARBOMIX[®]MDS515 is a non-staining, cold emulsion SBR black masterbatch containing no oil in a free flowing particulate form. It is recommended for high quality molded and extruded mechanical goods. CARBOMIX[®]MDS515 exhibits excellent processing characteristics and is suitable for color critical applications because of its non-staining stabilizer.

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Description

23.5% Bound Styrene SBR	100.0 parts
N330 Carbon Black(HAF)	50.0 parts
Extender Oil	None
Stabilizer	Non-Staining
Emulsifier	Mixed Acid
Coagulant	Acid
Specific Gravity	1.12

Specifications

Volatile content, % max.	0.50
Ash content, %	5.50 ± 1.50
Organic Acid content, %	3.50 ± 1.00
Carbon Black Content, %	33.15 ± 1.75

Rheometer Properties

ML, in-lbs.	2.3 ± 1.0
MH, in-lbs.	19.8 ± 2.0
ts1, minutes	2.3 ± 1.2
t'90, minutes	9.3 ± 2.5

Standard Test Formula

CARBOMIX [®] MDS515	150.00
Zinc Oxide	3.00
Stearic Acid	1.50
TBBS	1.25
Sulfur	1.75

Test Methods

Volatiles	ASTM D5668
Acid/Oil	ASTM D5774
Rheometer Properties	ASTM D5289
	100cpm, 0.5 degree arc, 160° C, 0 preheat
MIM mix	ASTM D3186

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