



EMULBLACK® 1847K

Chemical properties

PROPERTY	TEST METHOD	UNITS	TYPICAL VALUE
Volatile matter	ASTM D5668	%	0.50 Max
Ash	ASTM D5667	%	0.50 Max
Organic Acid	ASTM D5774	%	2.00 – 4.00
Soap	ASTM D5774	%	0.50 Max
Carbon Black	ASTM D5805	%	31.5 – 34.9
Aromatic Oil	ASTM D5774	%	20.8 – 23.5
Bound Styrene	ASTM D5775	%	22.5 – 24.5

Physical properties

PROPERTY	TEST METHOD	UNITS	TYPICAL VALUE
Mooney Viscosity	ASTM D1646	UMS1+4 (100oC)	55+/-10
Compound Mooney V.	ASTM D1646	ML1+4 (100oC)	TBD
Tensile Strength	ASTM D3186	MPa	TBD
300% Modulus	ASTM D3186	MPa	TBD
Elongation at break	ASTM D3186	%	TBD

Rheometrical Test (ODR 2000)

PROPERTY	TEST METHOD	UNITS	TYPICAL VALUE
ML	ASTM D2084	Lbf/in	TBD
MH	ASTM D2084	Lbf/in	TBD
ts1	ASTM D2084	Min	TBD
tc(50)	ASTM D2084	Min	TBD
tc(90)	ASTM D2084	Min	TBD

Description

Emulblack 1847K is a black masterbatch based on cold SBR, aromatic oil and carbon black.
SBR 100 pts
HAO 50 pts
Carbon Black N339 75 pts

Application Data

Emulblack 1847K is designed especially for operations where fast, smooth extrusions are necessary, this masterbatch gives compounds with excellent extrusion characteristics and tread wear.

Packaging

This product is commercialized in 34+/- 1Kg rectangular bales individually wrapped in low melting point polyethylene film and shipped in 36 bale cardboard boxes.

Storage

Store in dry and ventilated area where it will not be exposed to direct sunlight, extreme temperatures or sources of ignition.

Please consult the Emulblack 1847K Material Safety Data Sheet (MSDS) for more detailed handling and storage information.

The information is based on laboratory data and does not necessarily indicate end product performance. None of the information here in is intended to be used as infringement of any existing patent of product or application.

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CARBON BLACK MASTERBATCH