

## Polimeri Europa Europrene® 1606 T Emulsion Styrene-Butadiene Rubber - Cold Black Masterbatch

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Styrene Butadiene Rubber

### Material Notes:

Europrene® 1606 T is a carbon black masterbatch obtained by adding N 330 carbon black and TDAE oil to an emulsion styrene-butadiene latex before coagulation. The latex is obtained by cold polymerization using a rosin acid soap as emulsifier. A non-staining antioxidant is added during the production process. Key Features: The use of black masterbatch offers many benefits to the manufacturer such as: shorter mixing cycles with higher capacity; reduced energy demand; improved carbon black dispersion; cleaner plant environment. Main Applications: Retreading, conveyor belts, mechanical goods, high performance soles. Information provided by Polimeri Europa.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polimeri-Europa-Europrene-1606-T-Emulsion-Styrene-Butadiene-Rubber-Cold-Black-Masterbatch.php](http://www.lookpolymers.com/polymer_Polimeri-Europa-Europrene-1606-T-Emulsion-Styrene-Butadiene-Rubber-Cold-Black-Masterbatch.php)

Physical Properties	Metric	English	Comments
Volatiles	<= 0.60 %	<= 0.60 %	ASTM D5668
Ash	<= 0.40 %	<= 0.40 %	ASTM D5667

Chemical Properties	Metric	English	Comments
Styrene Content	23.5 %	23.5 %	Bound; ASTM D5775

Descriptive Properties	Value	Comments
Carbon Black Loading (phr)	52	
Oil Content (phr)	10	ASTM D5774
Organic Acid	3.5% wt	ASTM D5774
Soap	< 0.5% wt	

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