

Polimeri Europa Europrene® 5564 T Emulsion Styrene-Butadiene Rubber - Cold Black Masterbatch

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

Material Notes:

Europrene® 5564 T is a carbon black masterbatch obtained by adding N 234 carbon black and TDAE oil to an emulsion styrene-butadiene latex before coagulation. The latex is obtained by cold polymerization using a mixture of rosin acid and fatty acid soaps as emulsifiers. 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: High quality tire treads, cold retreading, conveyor belts, technical goods. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Europrene-5564-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	19 %	19 %	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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