

Polimeri Europa Europrene® 1723 Emulsion Styrene-Butadiene Rubber

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

Material Notes:

Europrene® 1723 is an emulsion styrene-butadiene rubber obtained by cold polymerization using a mixture of rosin acid and fatty acid soaps as emulsifiers. It is a medium bound styrene copolymer extended with TDAE oil. A non-staining antioxidant is added during the production process. Key Features: E-SBR is a general purpose rubber characterized by good processability, mechanical properties and abrasion resistance. It has limited resistance to oil and weather but properly compounded, it is suitable for use in outdoor applications. Due to its high molecular weight and aromatic oil extension, Europrene® 1723 is the TDAE oil extended alternative to Europrene®/Intol® 1712. Due to lower oil Tg, Europrene® 1723 shows a slight advantage in rolling resistance performance compared to Europrene®/Intol® 1712. Main Applications: Tire manufacturing and retreading, conveyor belts, hoses and other mechanical goods. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Europrene-1723-Emulsion-Styrene-Butadiene-Rubber.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------------------------|---------------------------|------------|
| Volatiles | <= 0.75 % | <= 0.75 % | ASTM D5668 |
| Mooney Viscosity | 48 @Temperature 100 °C | 48 @Temperature 212 °F | ASTM D1646 |
| Ash | <= 0.50 % | <= 0.50 % | ASTM D5667 |

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

| Descriptive Properties | Value | Comments |
|------------------------|-----------|------------|
| Oil Content (phr) | 37.5 | ASTM D5774 |
| Organic Acid | 5% wt | ASTM D5774 |
| Soap | < 0.4% wt | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China