

Polimeri Europa Europrene® NEOCIS BR 60 Butadiene Rubber

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

Material Notes:

Europrene® Neocis BR 60 is a solution high cis polybutadiene polymer produced with an organometallic neodymium catalyst. A non-staining antioxidant is added during the production process. Key Features: Europrene® Neocis BR 60 is an elastomer characterized by an excellent resistance to abrasion, high resilience/rebound, good resistance to fatigue cracking and crack growth. Its extremely low glass transition temperature provides enhanced low temperature performance compared to other general purpose rubbers. Europrene® Neocis BR 60 exhibits improved mechanical and elastic properties compared to Europrene® Neocis BR 40; nevertheless a loss of processability should be considered. Main Applications: Tire tread and sidewall, camelback, conveyor belts, technical goods, hoses, golf balls. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Europrene-NEOCIS-BR-60-Butadiene-Rubber.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------------------------|---------------------------|------------|
| Volatiles | <= 0.75 % | <= 0.75 % | ASTM D5668 |
| Mooney Viscosity | 63 @Temperature 100 °C | 63 @Temperature 212 °F | ASTM D1646 |
| Ash | <= 0.50 % | <= 0.50 % | ASTM D5667 |

| Descriptive Properties | Value | Comments |
|------------------------|-------|-----------------|
| Cis - 1:4 Content, min | 0.97 | Internal Method |

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