

# Calprene® 711

Styrene Butadiene Styrene Block Copolymer

Dynasol Elastomers

Message:

Calprene is a new 70/30 butadiene/styrene Thermoplastic copolymer, polymerized in solution and having a radial structure. This product is stabilized with a non-staining antioxidant system, essentially gel free with a very clear color. Calprene 711 is a BHT\* and nonylphenol free SBS, FDA approved and especially suitable for food contact applications. Calprene 711 develops high viscosity compounds and requires being formulated with complementary antioxidants. (Consult our Technical Service Department for supporting information)  
Calprene 711 is supplied in porous crumb.

APPLICATIONS:

- Technical compounding
- Plastic modification
- Bitumen modification
- Adhesives

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	BHT Free		
	Branched Polymer Structure		
	Copolymer		
	Food Contact Acceptable		
	High Clarity		
	High Viscosity		
	Low Gel		
	Porous		
Uses	Adhesives		
	Asphalt Modification		
	Compounding		
	Plastics Modification		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Crumb		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Ash Content	< 0.35	%	ASTM D5667
Color - Hunterlab	< 3.0		ASTM E313
Solution Viscosity			
25% in toluene : 25°C <sup>1</sup>	19	Pa · s	
5.23% in toluene <sup>2</sup>	26	cSt	

Styrene Content	30	%	ASTM D5775
Volatile Matter	< 0.50	%	ASTM D5668
Insolubles - in toluene, 325 mesh <sup>3</sup>	< 0.10	%	
NOTE			
1.	MA 04-3-064		
2.	MA 04-3-003		
3.	MA 04-3-018		

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#### Recommended distributors for this material

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