

Calprene® 701

Styrene Butadiene Styrene Block Copolymer

Dynasol Elastomers

Message:

Calprene 701 is a new 69/31 butadiene/styrene Thermoplastic copolymer, polymerized in solution and having a linear structure.

This product is stabilized with a non-staining antioxidant system, essentially gel free with a very clear color. Calprene 701 is a BHT* and nonylphenol free SBS, especially suitable for food contact applications.

Calprene 701 offers good mechanical properties and shows a very good yellow index behavior.

Calprene 701 is supplied in porous crumb.

*(BHT content in pure polymer less than 30ppm)

APPLICATIONS:

Technical compounding

Plastic modification

Bitumen modification

Adhesives

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	BHT Free		
	Copolymer		
	Food Contact Acceptable		
	High Clarity		
	Linear Polymer Structure		
	Low Gel		
	Porous		
Uses	Adhesives		
	Asphalt Modification		
	Compounding		
	Plastics Modification		
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 ¹	4.0	Pa · s	
5.23% in toluene ²	13	cSt	
Styrene Content	31	%	ASTM D5775
Volatile Matter	< 0.50	%	ASTM D5668

Insolubles - in toluene, 325 mesh ³	< 0.10	%
NOTE		
1.	MA 04-3-064	
2.	MA 04-3-003	
3.	MA 04-3-018	

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