

Calprene® 419

Styrene Butadiene Styrene Block Copolymer

Dynasol Elastomers

Message:

Calprene 419 is a 70/30 Butadiene/Styrene thermoplastic copolymer, polymerized in solution and has a radial structure.

This product is available in:

Calprene 419 porous crumb

Calprene 419M powder form dusted with amorphous silica

APPLICATIONS:

Bitumen modification

Footwear

Mechanical rubber goods

Plastic modification

Adhesives

General Information			
Features	Branched Polymer Structure		
	Copolymer		
	Porous		
Uses	Adhesives		
	Asphalt Modification		
	Footwear		
	Machine/Mechanical Parts		
	Plastics Modification		
Forms	Crumb		
	Powder		
Physical	Nominal Value	Unit	Test Method
Ash Content	< 0.35	%	ASTM D5667
Color - Hunterlab	2.0		ASTM D1925
Solution Viscosity			
25% in toluene ¹	11	Pa · s	
5.23% in toluene ²	20	cSt	
Styrene Content	30	%	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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