

Calprene® H6120

Styrene Ethylene Butylene Styrene Block Copolymer

Dynasol Elastomers

Message:

Calprene H6120 is a 68/32 ethylene-butylene/styrene thermoplastic copolymer, polymerized in solution and having a linear structure with excellent ozone resistance.

This product is available in:

CH 6120 porous pellet

CH 6120 P powder form dusted WITH amorphous silica

CH 6120 PH powder form WITHOUT any dusting agent

APPLICATIONS:

Compounding

Bitumen modification

Plastic modification

Adhesives/sealants

General Information			
Features	Copolymer		
	Linear Polymer Structure		
	Ozone Resistant		
	Porous		
Uses	Adhesives		
	Asphalt Modification		
	Compounding		
	Plastics Modification		
Forms	Pellets		
	Powder		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Color - Hunterlab	< 3.0		ASTM E313
Solution Viscosity - 5.23% in toluene ¹	9.0	cSt	
Styrene Content ²	32	%	
Volatile Matter	< 0.50	%	ASTM D5668
Brookfield Viscosity - 20% ³ (25°C)	1.90	Pa · s	
Saturation ⁴	> 99	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	76		ASTM D2240
NOTE			
1.	MA 04-3-003		
2.	MA 04-3-062		

3.	MA 04-3-064
4.	NMR

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