

Calprene® H6170

Styrene Ethylene Butylene Styrene Block Copolymer

Dynasol Elastomers

Message:

Calprene H6170 is a 67/33 ethylene-butylene/styrene thermoplastic copolymer, polymerized in solution and having a linear structure with excellent ozone resistance.

This product is available in:

CH 6170 porous pellet

CH 6170 P powder form dusted WITH amorphous silica

CH 6170 PH powder form WITHOUT any dusting agent

APPLICATIONS:

Compounding

Plastic modification

General Information			
Features	Copolymer		
	Linear Polymer Structure		
	Ozone Resistant		
	Porous		
Uses	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	80	cSt	
Styrene Content ²	33	%	
Volatile Matter	< 0.50	%	ASTM D5668
Brookfield Viscosity - 10% ³ (25°C)	2.30	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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