

Calprene® H6110

Styrene Ethylene Butylene Styrene Block Copolymer

Dynasol Elastomers

Message:

Calprene H6110 is a 70/30 ethylene-butylene/styrene thermoplastic copolymer, polymerized in solution and having a linear structure with excellent ozone resistance.

This product is available in:

CH 6110 porous pellet

CH 6110 P powder form dusted WITH amorphous silica

CH 6110 PH powder form WITHOUT any dusting agent

APPLICATIONS:

Adhesives/sealants

Oil gels

Plastic modification

Bitumen modification

General Information			
Features	Copolymer		
	Linear Polymer Structure		
	Ozone Resistant		
	Porous		
Uses	Adhesives		
	Asphalt Modification		
	Plastics Modification		
Forms	Pellets		
	Powder		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Color - Hunterlab	< 3.0		ASTM E313
Solution Viscosity - 5.23% in toluene ¹	6.0	cSt	
Styrene Content ²	30	%	
Volatile Matter	< 0.50	%	ASTM D5668
Brookfield Viscosity - 20% ³ (25°C)	470	mPa · 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		

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