

Calprene® H6144

Styrene Ethylene Butylene Styrene Block Copolymer

Dynasol Elastomers

Message:

Calprene H6144 is a 69/31 ethylene-butylene/styrene thermoplastic copolymer, polymerized in solution and having a linear structure with excellent ozone resistance.

This product is available in:

CH 6144 porous pellet

CH 6144S porous crumbs dusted WITH amorphous silica

CH 6144 P powder form dusted WITH amorphous silica

APPLICATIONS:

Technical Compounding: especially indicated for high quality surface appearance compounds transformed by injection or by extrusion

Plastic modification

General Information			
Features	Porous		
	Copolymer		
	Ozone resistance		
	Good appearance		
	Linear polymer structure		
Uses	Composite		
	Plastic modification		
Forms	Powder		
	Powder		
	Particle		
Processing Method	Composite		
	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Styrene Content ¹	31	%	ASTM D5668
Volatile Matter		%	
Solution viscosity-5.23% in toluene ²	30	cSt	ASTM D1925
Color-Hunterlab			
Brokfield viscosity-10% ³ (25°C)	400	mPa · s	
Saturation ⁴	> 99	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	75		ASTM D2240
Additional Information	Nominal Value	Unit	
Surface Aspect (extruded band): Excellent (MA 04-3-069)			

NOTE

1.	MA 04-3-062
2.	MA 04-3-003
3.	MA 04-3-064
4.	NMR

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