

Calprene® H6174

Styrene Ethylene Butylene Styrene Block Copolymer

Dynasol Elastomers

Message:

Calprene H6174 is a 67/33 linear structure ethylene-butylene/styrene thermoplastic copolymer, polymerized in solution, with a high molecular weight and excellent ozone resistance. This product gives an excellent surface appearance to the injected or extruded compounds,

This product is available in:

CH 6174 porous crumbs

CH6174S porous crumbs dusted WITH amorphous silica

CH 6174 P powder form dusted WITH amorphous silica

CH 6174 PH powder form WITHOUT any dusting agent

APPLICATIONS:

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

Plastic modification

General Information			
Features	Porous		
	High molecular weight		
	Copolymer		
	Ozone resistance		
	Good appearance		
	Linear polymer structure		
Uses	Composite		
	Plastic modification		
Forms	Powder		
	Powder		
Processing Method	Composite		
	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Styrene Content ¹	33	%	ASTM D5668
Volatile Matter		%	
Solution viscosity-5.23% in toluene ²	80	cSt	ASTM E313
Color-Hunterlab			
Brokfield viscosity-10% ³ (25°C)	2.30	Pa · s	ASTM D2240
Saturation ⁴	> 99	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	76		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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

