

Dynasol Calprene® H6174 Hydrogenated Rubber (SEBS)

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic TPE

Material Notes:

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. Applications: Technical Compounding: especially indicated for high quality surface appearance compounds transformed by injection or by extrusion. Plastic modification: 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. Information provided by Dynasol.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dynasol-Calprene-H6174-Hydrogenated-Rubber-SEBS.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.50 %	<= 0.50 %	ASTM D5668
Brookfield Viscosity	2300 cP	2300 cP	0.1; MA 04-3-064
Viscosity Measure	80 cSt	80 cSt	5.23% Toluene solution; MA-04-3-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	76	76	ASTM D2240

Chemical Properties	Metric	English	Comments
Styrene Content	33 %	33 %	on polymer; MA-04-3-062

Descriptive Properties	Value	Comments
Color	<3	Hunterlab, ASTM D1925-70
Saturation	>99%	NMR

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