

Dynasol Calprene® 405 Thermoplastic Rubber (SBS)

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

Material Notes:

Calprene 405 is a 67/33 Butadiene/Styrene thermoplastic copolymer, polymerized in solution. It has a radial structure. This product is presented in porous crumb form, which gives good oil absorption. Applications: Footwear Sports wear Mechanical rubber goods Bitumen modification Information provided by Dynasol.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dynasol-Calprene-405-Thermoplastic-Rubber-SBS.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.40 %	<= 0.40 %	ASTM D5668
Viscosity Measure	13.5 cSt	13.5 cSt	5.23% Toluene solution; MA-04-3-003
Ash	<= 0.35 %	<= 0.35 %	ASTM D5667

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	ASTM D2240

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

Descriptive Properties	Value	Comments
Color	2	Hunterlab, ASTM D1925-70
Insolubles	<0.1%	in toluene, 324 mesh, MA 04-3-018

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