

## Dynasol Calprene® 484 Thermoplastic Rubber SBS Oil extended

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

**Material Notes:**

Calprene 484 is a 56/44 Butadiene/Styrene thermoplastic copolymer, polymerized in solution. It has a radial structure and is extended with 46 phr of paraffinic oil. This product is presented in pellet form and has very adequate flow properties for compounding articles intended for injection. Applications: Footwear Sportswear Mechanical rubber goods Information provided by Dynasol

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dynasol-Calprene-484-Thermoplastic-Rubber-SBS-Oil-extended.php](http://www.lookpolymers.com/polymer_Dynasol-Calprene-484-Thermoplastic-Rubber-SBS-Oil-extended.php)

Physical Properties	Metric	English	Comments
Volatiles	<= 0.40 %	<= 0.40 %	ASTM D-5668
Melt Flow	7.5 g/10 min @Load 5.00 kg, Temperature 190 °C	7.5 g/10 min @Load 11.0 lb, Temperature 374 °F	ASTM D-1238
Ash	<= 0.35 %	<= 0.35 %	ASTM D-5667

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73	73	ASTM D-2240
Abrasion	130	130	mm <sup>3</sup> ; DIN 53516

Chemical Properties	Metric	English	Comments
Styrene Content	44 %	44 %	on polymer; ASTM D-5775

Descriptive Properties	Value	Comments
Hunterlab color, max	2	
Insolubles in toluene, 325 mesh, % max	0.1	
Oil Content, %	31.5	ASTM D-5774

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