

Calprene® 710

Styrene Butadiene Styrene Block Copolymer

Dynasol Elastomers

Message:

Calprene 710 is a 70/30 linear structure butadiene/styrene thermoplastic copolymer, polymerized in solution. This product is presented in porous pellet form that allows rapid oil absorption. It is stabilized with a non-staining antioxidant system (free of TNPP), that is FDA approved for use in food contact applications. It is essentially gel free and very transparent.

APPLICATIONS:

Plastic modification

Adhesives, sealing gaskets and coatings

Transparent compounds

Asphalt modification

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	Food Contact Acceptable		
	High Clarity		
	Linear Polymer Structure		
	Low Gel		
	Porous		
Uses	Adhesives		
	Asphalt Modification		
	Coating Applications		
	Gaskets		
	Plastics Modification		
	Transparent Parts		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Ash Content	< 0.35	%	ASTM D5667
Solution Viscosity - 25% in toluene ¹ (25°C)	1.7	Pa · s	
Styrene Content	30	%	ASTM D5775
Volatile Matter	0.20	%	ASTM D5668
Abrasion	70	mm ³	DIN 53516
Insolubles - in toluene, 325 mesh ²	< 0.10	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	68		ASTM D2240

NOTE

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| 1. | MA 04-3-064 |
| 2. | MA 04-3-018 |

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