

Solprene® 411

DESCRIPTION

Solprene 411 is a 70/30 butadiene/styrene thermoplastic copolymer, polymerized in solution and has a radial structure.

This product is available in:

- S 411 Porous crumb
- S 411C Porous pellet
- S 411M Powder form dusted with calcium carbonate

TECHNICAL DATA

<i>Polymer properties</i>	<i>Value</i>	<i>Test Method</i>
Toluene solution viscosity @ 5.23% / 25°C, cSt	28	NM 300-11
Volatile matter, % max.	0.75	ASTM D-5668
Total styrene (on polymer), %	30	ASTM D-5775
Insolubles, % max	0.1	NM 300-15

<i>Modified Bitumen Properties</i>	<i>Value</i>	<i>Test Method</i>
In waterproof membranes (150/200 bitumen + 12% polymer)		
Ring & Ball temperature, °C	>130	ASTM D-36
Penetration at 25 °C, dmm	<50	ASTM D-5-86
Viscosity at 180 °C, cP	2200	---
Cold flexibility, °C	<-30	MA 04-5-009

APPLICATIONS

- » Adhesives
- » Asphalt/Bitumen
- » Compounds
- » Roofing

www.dynasolelastomers.com

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TECHNICAL DATA SHEET

