

Calprene[®] 401

DESCRIPTION:

Calprene 401 is an 80/20 butadiene/styrene thermoplastic copolymer, polymerized in solution and having a radial structure.

This product is available in:

C 401 porous crumb
C 401M powder form dusted with amorphous silica

TECHNICAL DATA:

<i>Polymer Properties</i>	<i>Value</i>	<i>Test Method</i>
Toluene solution viscosity 25%, Pa-s	9.7	MA 04-3-064
Toluene solution viscosity 5.23%, cSt	20	MA 04-3-003
Volatile matter, %	0.5	ASTM D-5668
Hunterlab color	2	ASTM D-1925-70
Total styrene (on polymer), %	20	ASTM D-5775
Hardness, ° Shore A	60	ASTM D-2240
Anti-sticking agent (calcium stearate), %	0.2	MA 04-3-025
Insolubles in toluene, 325 mesh, %	<0.1	MA 04-3-018

APPLICATIONS:

- Bitumen modification
- Footwear
- Mechanical rubber goods
- Plastic modification

NOTE:

High porosity and easy dispersion

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