

Dexco Developmental Styrenic Block Copolymer

Vector 2411AP

Styrene-Butadiene-Styrene (SBS) Block Copolymer

- Radial (SB)_n⁽¹⁾, block copolymer.
- Contains 12% SB⁽¹⁾ diblock copolymer.
- Medium styrene, medium modulus copolymer, high viscosity

Vector 2411AP styrenic block copolymer is a radial block copolymer with a narrow molecular weight distribution. It is well-suited for use as a modifier in construction applications.

- Vector 2411AP (SB)_n is offered as a <12 mesh powder supplied from the United States.

Polymer Properties	Test Method	Units	Typical Value ⁽²⁾
Styrene	TSRC / Dexco Method	wt%	30
Diblock Content	TSRC / Dexco Method	wt%	12
Solution Viscosity ⁽³⁾	ASTM D2196	mPa s	20.4
Ash	ASTM D5630	wt%	5
Physical Properties			
Tensile Strength ⁽⁴⁾	TSRC / Dexco Method	MPa	16
300% Modulus ⁽⁴⁾	TSRC / Dexco Method	MPa	2.8
Elongation ⁽⁴⁾	TSRC / Dexco Method	%	700
Hardness ⁽⁵⁾	ASTM D2240	Shore A	82
Specific Gravity	ASTM D792		0.94

1) SBS denotes a linear styrene-butadiene-styrene triblock copolymer.

2) Not to be construed as specifications.

3) 5 st% in toluene @ 25 C.

4) Roll-milled, compression-molded plaques.

5) Dwell time - 1 second.

