VECTOR®
STYRENIC BLOCK COPOLYMERS

VECTOR® 8109

Styrene-Ethylene/Butylene-Styrene (SEBS) Block Copolymer

VECTOR® 8109 is a linear triblock copolymer with 29.5% styrene content.

The product exhibits the following characteristics:

- High molecular weight
- Superior weather/heat resistance and high compression set
- Low residue on Ignition
- Good compatibility with plastics and oils
- Suitable for medical plastic modification and thermoplastic elastomer compound

VECTOR® 8109 (SEBS) is offered as a powder supplied from China PRC.

Polymer Properties	Test Method	Unit	Typical Value (1)
Diblock Content	TSRC Method	wt%	<1
Specific Gravity	ASTM D792	-	0.91
Hardness	ASTM D2240	Shore A	-
Tensile Strength	ASTM D412	MPa	-
Elongation at Break	ASTM D412	%	-
Solution Viscosity (2)	TSRC Method	cP	320

Sales Specification	Test Method	Unit	Range	
			Min	Max
Styrene	TSRC Method	wt%	28.0	31.0
Volatile Matter	TSRC Method	wt%	-	0.5
Ash (w/o AB)	ASTM D5667	wt%	-	0.1
Melt Flow Rate (3)	ASTM D1238	g/10min	-	-

1) Not to be construed as specifications
2) 5 wt% in Toluene, 25°C
3) 230°C/2.16kg

台橡股份有限公司
TSRC CORPORATION