

VECTOR[®] 8103

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

VECTOR[®] 8103 is a linear triblock copolymer with 29% styrene content.

The product exhibits the following characteristics:

- Medium to Low molecular weight
- Superior weather and heat resistance
- Low residue on Ignition
- Good compatibility with plastics and oils
- Suitable for medical plastic modification and thermoplastic elastomer compound

VECTOR[®] 8103 (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	76
Tensile Strength	ASTM D412	MPa	27
Elongation at Break	ASTM D412	%	500
Solution Viscosity ⁽²⁾	TSRC Method	cP	2000

Sales Specification	Test Method	Unit	Range	
			Min	Max
Styrene	TSRC Method	wt%	27.5	30.5
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) 20 wt% in Toluene, 25°C

3) 230°C/2.16kg