

VECTOR[®] 8245D

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

VECTOR[®] 8245D is a linear triblock copolymer with high vinyl and low styrene structure.

The product exhibits the following characteristics:

- Enhanced midblock for increased compatibility and high clarity with polyolefin.
- High softness with good impact resistance
- Easy processing with or without oil extended
- Suitable for IV bags, CAPD bags, medical tubing and plastic modification

VECTOR[®] 8245D (SEBS) is offered as a dense pellet 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	40
Tensile Strength	ASTM D412	MPa	10
Elongation at Break	ASTM D412	%	1000
Solution Viscosity ⁽²⁾	TSRC Method	cP	-

Sales Specification	Test Method	Unit	Range	
			Min	Max
Styrene	TSRC Method	wt%	11.5	14.5
Volatile Matter	TSRC Method	wt%	-	0.5
Ash (w/ AB)	ASTM D5667	wt%	-	0.1
Ash (w/o AB)	ASTM D5667	wt%	-	0.1
Melt Flow Rate ⁽³⁾	ASTM D1238	g/10min	2	5

1) Not to be construed as specifications

2) 20 wt% in Toluene, 25°C

3) 230°C/2.16kg