VECTOR®
STYRENIC BLOCK COPOLYMERS

VECTOR® 6241A

Styrene-Butadiene-Styrene (SBS) Block Copolymer

- Linear SBS(1) triblock copolymer
- Contains ~1% diblock copolymer
- High styrene, high modulus

VECTOR 6241A styrenic block copolymer is a linear triblock copolymer with a narrow molecular weight distribution. It has excellent melt processability and physical strength and is well-suited for use as an impact/toughness modifier in styrenics, in compatibilization of styrenic/olefinic polymer blends, and in formulating adhesives.

- VECTOR 6241A SBS is offered as a porous pellet supplied from the United States.

Polymer Properties	Test Method	Unit	Typical Value (1)
Specific Gravity	ASTM D792	-	0.96
Hardness (2)	ASTM D2240	Shore A	85
Tensile at Break (3)	ISO 37	MPa	29
Stress at 300% Elongation (3)	ISO 37	MPa	6.1
Elongation at Break (3)	ISO 37	%	800
Solution Viscosity (4)	ASTM D2196	cps	350

Sales Specification	Test Method	Unit	Range	
			Min	Max
Styrene	TSRC Method	wt%	41.0	45.0
Diblock Content	TSRC Method	wt%	0.0	1.0
Volatile Matter	TSRC Method	wt%	0.0	1.0
Ash	ASTM D5630	wt%	0.5	1.00
Melt Flow Rate (200°C/5kg)	ASTM D1238	g/10 min	19.8	28.0

1) Typical values intended only as guides and should not to be construed as specifications
2) Dwell time - 1 second
3) Roll-milled, compression-molded plaques
4) 25 wt% in Toluene; 25°C

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