

Europrene® SOL TH 2311

苯乙烯-乙烯-丁烯-苯乙烯嵌段共聚物

Versalis S.p.A.

Technical Data

产品说明

Europrene® SOL TH 2311 is a linear block copolymer obtained by selective hydrogenation of styrene-butadiene-styrene block copolymers. The polymer is based on styrene and ethylene/butylene, where bound styrene content is 30%wt. A non-staining, TNPP free antioxidant system is added during the production process.

Key Features

Europrene® SOL TH 2311 is a linear triblock copolymer of low molecular weight. Europrene® SOL TH 2311 offers excellent thermal and colour stability, along with very good adhesive properties even with high addition of resins and plasticizers.

Main Applications

Europrene® SOL TH 2311 is designed for high performance hot melt adhesives and polymer modification. Easily dispersible, SOL TH 2311 is also used in bitumen modification for roofing applications and technical compound.

总体

添加剂	• 抗氧化性		
特性	• Block Copolymer • 低分子量 • 抗氧化性	• 可分散 • 良好的颜色稳定性 • 良好粘结性	• 热稳定性，良好
用途	• 沥青改性	• 塑料改性	• 粘合剂
形式	• 粒子		

物理性能	额定值	单位制	测试方法
熔流率 (熔体流动速率) (200°C/5.0 kg)	1.0 g/10 min		ASTM D1238
结合苯乙烯	30.0 %		内部方法
弹性体	额定值	单位制	测试方法
拉伸应力 (300%应变)	5.00 MPa		ASTM D412
抗张强度	28.0 MPa		ASTM D412
伸长率 (断裂)	550 %		ASTM D412
硬度	额定值	单位制	测试方法
肖氏硬度 (邵氏 A)	75		ASTM D2240
充模分析	额定值	单位制	测试方法
布洛克菲尔德粘度 - Toluene sol., 20% wt	500 mPa·s		ASTM D1084
补充信息	额定值	单位制	
保质期	24 month		