

KRATON® D1186 E

Styrene Butadiene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton D1186 E is a clear, branched block copolymer based on styrene and butadiene with bound styrene of 30% mass. It is supplied from Europe in the physical forms identified as follows in the grade nomenclature:

D1186 ET - supplied as porous pellets dusted with talc

D1186 ES - supplied as porous pellets dusted with amorphous silica

D1186 ESM - supplied as powder dusted with amorphous silica

Kraton D1186 E polymer is used as a modifier of bitumen in roofing felt compounds, roads and pipe coating. It may also be suitable for use in formulating adhesives, sealants and coatings and in the modification of polymers.

General Information	
Additive	Antioxidant
Features	Antioxidant
	Copolymer
Uses	Adhesives
	Coating Applications
	Piping
	Sealants
Appearance	Clear/Transparent
Forms	Pellets
	Powder
Processing Method	Cast Film
	Compression Molding

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ISO 2781
Apparent Density	0.40	g/cm ³	ASTM D1895B
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	< 1.0	g/10 min	ISO 1133
Solution Viscosity ¹	1000 to 1400	mPa · s	Internal Method
Bound Styrene	29.0 to 31.0	%	Internal Method
Antioxidant Additive	> 0.14	%	Internal Method
Ash Content			ISO 247
ES, ET	< 0.40	%	
ESM	2.5 to 5.0	%	
Extractables	< 1.4	%	Internal Method
Volatile Matter	< 0.30	%	Internal Method
Hardness	Nominal Value	Unit	Test Method

Shore Hardness (Shore A, 30 sec)	74		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	3.00	MPa	ISO 37
Tensile Stress (Yield)	24.0	MPa	ISO 37
Tensile Elongation (Break)	800	%	ISO 37
NOTE			
1.	Toluene, 25%w at 25°C		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material


Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT