

S.O.E.™ S1606

Styrene Butadiene Block Copolymer
AKelastomers

Message:

Asahi Kasei S.O.E.™ S1606 is a special SEBS with low resilience. It can be used as a modifier to improve scratch resistance and abrasion resistance of TPE compounds. It also offers good compatibility between PS and polyphenylene ether (PPE). It is also used as a modifier of COP and COC.

General Information			
Features	Good wear resistance		
	Scratch resistance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	67		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (300% Strain)	3.60	MPa	ISO 37
Tensile Stress ² (Yield)	20.0	MPa	ISO 37
Tensile Elongation ³ (Break)	490	%	ISO 37
NOTE			
1.	500 mm/min		
2.	Type 1A, 500 mm/min		
3.	Type 1A, 500mm/min		

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