

S.O.E.™ S1605

Styrene Butadiene Block Copolymer
AKelastomers

Message:

Asahi Kasei S.O.E.™ S1605 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).

General Information			
Features	Good wear resistance		
	Scratch resistance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	87		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (300% Strain)	12.6	MPa	ISO 37
Tensile Stress ² (Yield)	32.3	MPa	ISO 37
Tensile Elongation ³ (Break)	460	%	ISO 37
NOTE			
1.	500 mm/min		
2.	Type 1A, 500 mm/min		
3.	Type 1A, 500mm/min		

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