

BONROY INTERNATIONAL LIMITED CELL



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SBS 弹性体 (牌号) 性能指标 Styrene-Butadiene Block Copolymer Specification

测试项目 Items	分析方法 Test method	3008	3603	3713	MPR6236	3401	3406
外观 Appearance	目测 By visual	致密颗粒 Dense pellets	致密颗粒 Dense pellets	致密颗粒 Dense pellets	致密颗粒 Dense pellets	蓬松颗粒 Pellet	蓬松颗粒 Pellet
苯乙烯含量 Styrene content		40%	34%	35%	40%	40%	40%
两嵌段含量 Diblock content		≦ 1.0 %	61-69 %	70%	40%	≦ 1.0 %	≦ 1.0 %
挥发份含量 Volatile content	GB/T24131-2009	≦ 0.5 %	≦ 0.5 %	≦ 0.7 %	≦ 0.5 %	≦ 0.7 %	≦ 0.7 %
拉伸强度 Tensile strength	GB/T528-2009	≥ 7.0 Mpa	≥ 2.0 Mpa	-	≥ 8.0 Mpa	[2] ≥ 24.0	[2] ≥ 24.0
伸长率 Elongation	GB/T528-2009	≥ 650 %	≥ 500 %	-	≥ -650 %	-	
永久形变 Permanent deformation	GB/T528-2009	≦ 65 %	≦ 65 %	-	-	-	
硬度 Shore A, Hardness	GB/T531.1-2008	≥ 80.0	≥ 50.0	≥ 75.0	≥ 75.0	≥ 88.0	≥ 88.0
熔融指数 Melt Index	GB/T3682-2000	28.0±6.0 g/10min	35.0±9.0 g/10min	24.0-36.0 g/10min	31.0±10.0 g/10min	[1] 1.0-5.0 g/10min	[1] 4.0-7.0 g/10min
300%定伸应力 Tensile stress	GB/T528-2009	≥ 2.0				[2] 3.5 Mpa	[2] 3.5 Mpa
灰分 Ash Content	Q/GSC20.0.2-2019	-	-			0.10%	0.10%
备注 Notes		Test condition 190°C 2.16kg		25% Toluene Solution Viscosity 200- 400 Mpa		[1] Test condition: 200 °C, 5kg. [2] Test condition: 25°C.	