

产品比较

Technical Data

总体	Elastollan® 1195 A 10	Elastollan® 1195 A 15	Elastollan® 1195 A 50	Elastollan® 1195 A 55
生产商/供应商	• BASF Polyurethanes GmbH	• BASF Polyurethanes GmbH	• BASF Polyurethanes GmbH	• BASF Polyurethanes GmbH
定属记号	• TPU-聚醚	• TPU-聚醚	• TPU-聚醚	• TPU-聚醚
性能特点	• 抗菌 • 耐水解性	• 抗菌 • 耐水解性	• 抗菌 • 耐水解性	• 抗菌 • 耐水解性
形式	• 颗粒料	• 颗粒料	• 颗粒料	• 颗粒料

物理性能	Elastollan® 1195 A 10	Elastollan® 1195 A 15	Elastollan® 1195 A 50	Elastollan® 1195 A 55	单位制	测试方法
密度	1.15	1.15	1.15	1.15	g/cm³	ISO 1183

机械性能	Elastollan® 1195 A 10	Elastollan® 1195 A 15	Elastollan® 1195 A 50	Elastollan® 1195 A 55	单位制	测试方法
拉伸应力 (断裂)	55.0	55.0	55.0	55.0	MPa	ISO 527-2
拉伸应变 (断裂)	500	500	500	500	%	ISO 527-2

弹性体	Elastollan® 1195 A 10	Elastollan® 1195 A 15	Elastollan® 1195 A 50	Elastollan® 1195 A 55	单位制	测试方法
拉伸应力						ISO 37
100%应变	10.0	10.0	10.0	10.0	MPa	
300%应变	18.0	18.0	18.0	18.0	MPa	
撕裂强度	100	100	100	100	kN/m	ISO 34-1
压缩永久变形						ISO 815
23°C	30	30	30	30	%	
70°C	45	45	45	45	%	

冲击性能	Elastollan® 1195 A 10	Elastollan® 1195 A 15	Elastollan® 1195 A 50	Elastollan® 1195 A 55	单位制	测试方法
简支梁缺口冲击强度						ISO 179
-30°C	无断裂	无断裂	无断裂	无断裂		
23°C	无断裂	无断裂	无断裂	无断裂		



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硬度	Elastollan® 1195 A 10	Elastollan® 1195 A 15	Elastollan® 1195 A 50	Elastollan® 1195 A 55	单位制	测试方法
支撑硬度						ISO 868
邵氏 A	96	96	96	96		
邵氏 D	48	48	48	48		
补充信息						
Elastollan® 1195 A 10	Note: These properties were tested in accordance with the DIN test standard. Stress at 20% elongation, DIN 53504: 6 Mpa Abrasion Loss, DIN 53516: 25 mm³ Tensile Strength After Storage in Water, DIN 53504, 80°C for 42 days: 37 Mpa Elongation at Break After Storage in Water, DIN 53504, 80°C for 42 days: 500 %					
Elastollan® 1195 A 15	Note: These properties were tested in accordance with the DIN test standard. Stress at 20% elongation, DIN 53504: 6 Mpa Abrasion Loss, DIN 53516: 25 mm³ Tensile Strength After Storage in Water, DIN 53504, 80°C for 42 days: 37 Mpa Elongation at Break After Storage in Water, DIN 53504, 80°C for 42 days: 500 %					
Elastollan® 1195 A 50	Note: These properties were tested in accordance with the DIN test standard. Stress at 20% elongation, DIN 53504: 6 Mpa Abrasion Loss, DIN 53516: 25 mm³ Tensile Strength After Storage in Water, DIN 53504, 80°C for 42 days: 37 Mpa Elongation at Break After Storage in Water, DIN 53504, 80°C for 42 days: 500 %					
Elastollan® 1195 A 55	Note: These properties were tested in accordance with the DIN test standard. Stress at 20% elongation, DIN 53504: 6 Mpa Abrasion Loss, DIN 53516: 25 mm³ Tensile Strength After Storage in Water, DIN 53504, 80°C for 42 days: 37 Mpa Elongation at Break After Storage in Water, DIN 53504, 80°C for 42 days: 500 %					

