

F 860.33

QUALITY REPORT

COMPOUND : 446A-9

Elastomer : EPDM

colour : black

Properties	Units	Test method	Measured values	Prescribed Values
Hardness	ShA	DIN 53505	55,5	46-56
Density	g/cm ³	DIN 53479	1,288	1,27-1,31
Tensile strength	MPa	DIN 53504	4,74	min.4,0
Elongation at break	%	DIN 53504	671	min.500
Rebound resilience	%	DIN 53512	32,4	max.43
Compression set 100°C /24h/25%	%	DIN 53517	75,1	max. 80
Heat resistance 100°C/72h Change of hardness Change of tensile strength Change of elongation	°C	DIN 78078	+14 -12,45 -40,51	100°C/ type B max.±15 max.±30 max.-50
Resistance to low temperature	°C	DIN 53546	-	- 40
Resistance to ozone 100pphm/40°C/72h/20%	Risstufe	DIN 53509	0	0
UV-light – resistance				good
Weather resistance				good
Sea-water resistance				good
Flammability	class	DIN 4102-1		B2
	Good resistance against: - diluted acid and hydroxide at room temperature - water to +100°C - alcoholic solutions			
	Limited resistance against : greases and mineral oils animal, vegetable fats and oils			
	Compound is free from silicon, cadmium , lead, PVC.			

Customer : Hazal pipeclamps Holland