

SPHERINOX

Stainless Steel Shot, rust-proof, spherical



Chemical composition

C ≈ 0,17 %, Cr ≈ 18 %, Ni ≈ 8 % +/- 1 %,
Si ≈ 1,8 %, Mn ≈ 1,2 %

Microstructure

austenitic

Hardness

on delivery ≈ 300 HV,
as operating mix ≈ 450 HV

Apparent density

≈ 4,8 kg/dm³

Sieve Analysis

Sieve No.	3,50	3,00	2,50	2,00	1,70	1,40	1,25	1,00	0,80	0,70	0,60	0,50	0,40	0,30	0,20	0,14	0,09	<0,09
SI 10															5 % max.			
SI 20														5 % max.			90 % min.	
SI 30												5 % max.				90 % min.		
SI 40								5 % max.				90 % min.						
SI 50							5 % max.			90 % min.								
SI 60						5 % max.			90 % min.									
SI 100					5 % max.		90 % min.											
SI 150				5 % max.		90 % min.												
SI 200			5 % max.		90 % min.													
SI 300		5 % max.		90 % min.														
Sieve Size (mm)	3,50	3,00	2,50	2,00	1,70	1,40	1,25	1,00	0,80	0,70	0,60	0,50	0,40	0,30	0,20	0,14	0,09	<0,09

Fields of application

Cleaning, deburring, surface-improvement, -finishing

Applications

Aluminium castings and forgings of all kinds, Stainless steel castings and forgings, Zinc pressure die castings, Apparatus and welded structures in stainless steel, Non-ferrous metals and special alloys, Concrete and natural stones

Packing Units

25 kg (55 lbs) PE-bags, 500 kg (1100 lbs) on pallet, surrounded by a cardboard box and shrink-wrapped

The use of **SPHERINOX** is assisted by our technical sales service. The application of **SPHERINOX** is environmentally friendly. **SPHERINOX** is fully recyclable.