

PS BALL ABRASIVE**CHEMICAL ANALYSIS REPORT**

Elements	IN %
SiO₂	19.5%
Al₂O₃	4.25%
Fe₂O₃	43.5%
MgO	2.72 %
CaO	30 %

PHYSICAL PARAMETERS

Parameters	Typical
Specific Gravity	3.45 – 3.82
Hardness	7.5 mohs
Density	3.64 g/cm3
Illumination	Very good
Reusability	yes
Waste Apply	General
Facility Charge	Easy

Blasting Grade Sa 2.5 of Surface Treatment

(Over 95% cleaning of rust, black dot, paint and alien substance)

Specification Reference	
SIS 055900 Sa 2.5 (Sweden)	: Swedish Standard Institution
SSPC - SP 10 (U.S.A)	: Steel Structure Painting Council
BS 4232 (U.K)	: British Standards
ISO 8501-1 & ISO 8502-10	: International Standard Organization
NACE No.2	: National Association of Corrosion Engineers

AVAILABLE SIZE & SURFACE PROFILE

Size Range in MM	Surface profile Microns
<0.6	30-60
0.6 - 1.0	60-100
1.0 - 2.0	60-120
2.0 - 4.0	>120

PS BALL ABRASIVE

- PS Ball does not contain Free Silica (Non Toxic).
- (Radioactivity – Undetected) Ra – 226 Gamma – Spectrometry < 10 Bq/kg.
- Chloride Content < 10 ppm (ISO 8502-10).
- Approved by PETRONAS Coating and Lining Technical Committee. (PTS 30.48.00.31P)
- Conductivity < 100 $\mu\text{S}/\text{cm}$ ($\mu\text{mhos}/\text{cm}$) or <10mS/m according to ASTM D 4940 Standard.
- Dust Level – Low (Rating 1) ISO 8502-3

