

Lincolnweld® P240

Key Features

- Highly basic flouride agglomerated flux
- Good impact values suitable for offshore constructions
- Consistently good CTOD values with CMn and Ni-alloyed wires
- Low hydrogen content
- Suitable for single/multi wire welding

Conformances

AS/NZS ISO 14174: S A FB 155 AC H5

Typical Applications

- Boiler and pressure vessels
- Offshore applications
- Low temperature applications

Product Information

Current type: DC / AC

Basicity [Boniszewski]: 3.0

Density (kg/dm³): 1.1

Grain size (ISO 14174): 2 -20

Recommended Wires

Steel:

Lincolnweld® L-61, L-50M

Low Alloy Steel:

Lincolnweld® LNS 160, LNS 162

Packaging

Package Type	Weight Kg	Part Number
Sahara Ready Bag	25	FXP240-25SRB

Typical Test Results

Flux / Wire Combination	Weld Condition	Yield Strength MPa	Tensile Strength MPa	Elongation %	Charpy V-Notch J @ °C		AWS Classification A5.17/A5.23	ISO 14171-A Classification
L-61	As Welded	440	530	30	75	-40	F7A6-EH12K	S 42 4 FB S2Si
L-50M	As Welded	460	560	28	40	-60	F7A8-EH12K	S 46 6 FB S3Si
L-50M	Stress Relieved	420	540	28	40	-60	F7P8-EH12K	S 46 6 FB S3Si
LNS160	As Welded	470	550	28	80	-60	F7A10-ENi1-Ni1	S 46 6 FB S2Ni1*
LNS160	Stress Relieved	430	490	32	100	-60	F7P10-ENi1-Ni1	S 46 6 FB S2Ni1*
LNS162	As Welded	480	560	26	100	-60	F7A10-ENi2-Ni2	S 46 6 FB S2Ni2*
LNS 162	Stress Relieved	460	530	30	140	-60	F7P10-ENi2-Ni2	S 46 6 FB S2Ni2*