Lincolnweld® P230

Key Features

- One flux to combine with a wide range of wire electrodes
- Aluminate basic agglomerated flux
- Low hydrogen content
- Good impact values in two-run and multi-run technique

Typical Applications

- Excellent multi application flux on the shop floor
- Excellent welding behaviour in single arc and tandem application

Conformances

AS/NZS ISO 14174: S A AB 1 67 AC H5

Product Information

Current type: DC / AC
Basicity (Boniszewski): 1.6
Solidification speed: High
Density (kg/dm3): 1.2
Grain size (ISO 14174): 2 -20

Recommended Wires

Mild Steel:

Lincolnweld® L-61, L50M

Low Alloy Steel:

Lincolnweld® LNS 140A, LNS 160, LNS 162

Packaging

Package Type	Weight Kg	Part Number
Sahara Ready Bag	25	FXP230-25SRB

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 : MR
L-61	As Welded	450	520	30	100	-20	F7A4-EM12K	S 38 4 AB S2Si
	Stress Relieved	400	490	30	80	-40	F6P5-EM12K	
L-50M	As Welded	480	580	30	80	-40	F7A5-EH12K	S 46 5 AB S3Si
	Stress Relieved	460	540	28	70	-40	F7P5-EH12K	
LNS140A	As Welded	540	620	28	70	-20	F8A4-EA1-G	S 46 4 AB S2Mo
LNS 160	As Welded	490	570	28	120	-40	F7A8-ENi1-Ni1	S 46 4 AB S2Ni1*
	Stress Relieved	430	550	28	140	-40	F7P8-ENi1-Ni1	
LNS162	As Welded	500	590	28	50	-60	F7A8-ENi2-Ni2	S 46 6 AB S2Ni2*
	Stress Relieved	460	570	28	80	-60	F7P8-ENi2-Ni2	