

# IEC61386 Classifications table

Non-metallic	WITH FITTING	COMPRESSION STRENGTH	IMPACT STRENGTH*	MINIMUM TEMP	MAXIMUM TEMP	BENDING PROPERTIES	ELECTRICAL PROPERTIES	IP RATING SOLIDS	IP RATING WATER	CORROSION RESISTANCE	TENSILE STRENGTH	NON-FLAME PROPAGATING	SUSPENDED LOAD CAPACITY
PA LIGHT	AL	2	4	2	4	4	0	6	6	-	1	1	0
PA STANDARD	AL	2	4	2	4	4	0	6	6	-	1	1	0
PA HEAVY	AL	2	4	2	4	4	0	6	6	-	2	1	0
PADL	AL	2	4	4	4	4	0	6	6	-	2	1	0
PI LIGHT	AL	1	4	2	3	4	0	6	6	-	1	1	0
PI STANDARD	AL	1	3	5	4	4	0	6	6	-	1	1	0
PI HEAVY	AL	2	4	5	4	4	0	6	6	-	1	1	0
PR	AL	2	4	2	4	4	0	6	6	-	1	1	0
CP	AL	1	4	4	5	4	0	6	6	-	1	1	0
KF LIGHT	KC	2	2	2	1	2	2	4	0	-	1	1	0
KF STANDARD	KC	2	3	2	1	2	2	4	0	-	2	1	0
KF MEDIUM	KC	3	3	2	1	2	2	4	0	-	1	1	0
PK	PK	2	4	5	6	4	2	6	7	-	1	1	0
PKTC	PB	2	4	5	6	4	3	6	7	-	3	1	0
PKSS	PB	2	4	5	6	4	3	6	7	-	3	1	0
PRTC	PB	2	4	2	4	4	1	6	7	-	3	1	0
PRSS	PB	2	4	2	4	4	1	6	7	-	3	1	0

## Metallic

S	S	4	4	5	6	4	0	4	0	1	4	1	5
SS	S	4	4	5	6	4	0	4	0	4	4	1	5
SP	SP(M)	4	4	2	2	4	2	6	5	-	4	1	5
SN	SP(M)	4	4	4	5	4	0	6	5	-	4	1	5
LFH-SP	SP(M)	4	4	2	3	4	0	6	5	-	4	1	5
SPL	SPL(M)	4	4	2	3	4	2	6	7	-	4	1	5
SPLHC	SPL(M)	4	4	5	5	4	0	6	7	-	4	1	5
SB	SB	4	5	5	6	4	1	4	0	1	4	1	5
STC	SB	4	4	5	6	4	1	4	0	1	4	1	5
SSB	SB	4	4	5	6	4	1	4	0	4	4	1	5
SSBGS	SB	4	4	5	6	4	1	4	0	1	4	1	5
SPB	SPB	4	4	2	2	4	3	5	4	-	4	1	5
SPTC	SPB	4	4	2	2	4	3	5	4	-	4	1	5
SPLHCB	SPLB	4	4	5	5	4	1	6	7	-	5	1	5

## PERFORMANCE CLASSIFICATION KEY

CLASSIFICATION LEVEL	COMPRESSION STRENGTH (N)	IMPACT STRENGTH (J)	MINIMUM TEMPERATURE (°C)	MAXIMUM TEMPERATURE (°C)	BENDING	ELECTRICAL PROPERTIES	IP RATING (SOLID INGRESS)	IP RATING (WATER INGRESS)	CORROSION RESISTANCE	TENSILE STRENGTH (N)	NON-FLAME PROPAGATING	SUSPENDED LOAD CAPACITY (N)
0	-	-	-	-	-	Not declared	-	0	N/A	Not declared	-	Not declared
1	125	0.5	5	60	Rigid	Conductor	-	1	Low	100	✓	20
2	320	1	5	90	Pliable	Insulator	-	2	Medium	250	×	30
3	750	2	-15	105	Ri/Semi Rigid	Con/Ins	3	3	Med-Hi	500	-	150
4	1250	6	-25	120	Flexible	-	4	4	High	1000	-	450
5	4000	20	45	150	-	-	5	5	-	2500	-	850
6	-	-	-	250	-	-	6	6	-	-	-	-
7	-	-	-	-	-	-	7	7	-	-	-	-