



## Standards

Tensile performance	IEC 60794-1-21 E1
Crush resistance	IEC 60794-1-21 E3
Impact	IEC 60794-1-21 E4
Repeated bending	IEC 60794-1-21 E6
Torsion	IEC 60794-1-21 E7
Kink	IEC 60794-1-21 E10
Bend	IEC 60794-1-21 E11
Temperature cycling	IEC 60794-1-22 F1
Reaction to fire	EN 13501-6
Euroclass	D <sub>ca</sub>
Smoke density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2
Flame propagation	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2

## Versions

Material number	Product	Reaction to fire	Outer sheath colour	Fibre type	Fibre category	Outer sheath diameter [mm]	Bending radius [mm]	Weight [kg/km]	Tensile load short term [N]	Tensile load continuous [N]	Crush resistance short term [N]	Crush resistance continuous [N]	Fire load [kWh/m]	Packing unit	GTIN / EAN
19456400DZ	FO Indoor SZGGFR 2x12	Dca-s2,d1,a1	yellow	E9/125 G.652.D BLO	OS2	9.9	200	100	8,000	4,100	4,000	1,200	0.164	by the metre	
19605300DZ	FO Indoor SZGGFR 2x12	Dca-s2,d1,a1	turquoise	G50/125 OM3	OM3	9.9	200	100	8,000	4,100	4,000	1,200	0.164	by the metre	
19602500DZ	FO Indoor SZGGFR 2x12	Dca-s2,d1,a1	heather violet	G50/125 OM4	OM4	9.9	200	100	8,000	4,100	4,000	1,200	0.164	by the metre	
19456600DZ	FO Indoor SZGGFR 4x12	Dca-s2,d1,a1	yellow	E9/125 G.652.D BLO	OS2	9.9	200	102	8,000	4,100	4,000	1,200	0.164	by the metre	
19605400DZ	FO Indoor SZGGFR 4x12	Dca-s2,d1,a1	turquoise	G50/125 OM3	OM3	9.9	200	102	8,000	4,100	4,000	1,200	0.164	by the metre	
19602600DZ	FO Indoor SZGGFR 4x12	Dca-s2,d1,a1	heather violet	G50/125 OM4	OM4	9.9	200	102	8,000	4,100	4,000	1,200	0.164	by the metre	
19733400DZ	FO Indoor SZGGFR 6x12	Dca-s2,d1,a1	yellow	E9/125 G.652.D BLO	OS2	10.5	210	114	8,000	4,100	4,000	1,200	0.193	by the metre	
19733500DZ	FO Indoor SZGGFR 6x12	Dca-s2,d1,a1	turquoise	G50/125 OM3	OM3	10.5	210	114	8,000	4,100	4,000	1,200	0.193	by the metre	
19733600DZ	FO Indoor SZGGFR 6x12	Dca-s2,d1,a1	heather violet	G50/125 OM4	OM4	10.5	210	114	8,000	4,100	4,000	1,200	0.193	by the metre	
19602900DZ	FO Indoor SZGGFR 8x12	Dca-s2,d1,a1	yellow	E9/125 G.652.D BLO	OS2	12.9	255	182	8,000	4,100	4,000	1,200	0.271	by the metre	
19605500DZ	FO Indoor SZGGFR 8x12	Dca-s2,d1,a1	turquoise	G50/125 OM3	OM3	12.9	255	182	8,000	4,100	4,000	1,200	0.271	by the metre	
19602700DZ	FO Indoor SZGGFR 8x12	Dca-s2,d1,a1	heather violet	G50/125 OM4	OM4	12.9	255	182	8,000	4,100	4,000	1,200	0.271	by the metre	
19596800DZ	FO Indoor SZGGFR 12x12	Dca-s2,d1,a1	yellow	E9/125 G.652.D BLO	OS2	15.8	320	270	8,000	4,100	4,000	1,200	0.349	by the metre	
19605600DZ	FO Indoor SZGGFR 12x12	Dca-s2,d1,a1	turquoise	G50/125 OM3	OM3	15.8	320	270	8,000	4,100	4,000	1,200	0.349	by the metre	

Material number	Product	Reaction to fire	Outer sheath colour	Fibre type	Fibre category	Outer sheath diameter [mm]	Bending radius [mm]	Weight [kg/km]	Tensile load short term [N]	Tensile load continuous [N]	Crush resistance short term [N]	Crush resistance continuous [N]	Fire load [kWh/m]	Packing unit	GTIN / EAN
19602800DZ	FO Indoor SZGGFR 12x12	Dca-s2,d1,a1	heather violet	G50/125 OM4	OM4	15.8	320	270	8,000	4,100	4,000	1,200	0.349	by the metre	

Subject to technical modification

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