

Polyurethane resin - PC5581



Filofill PC5581 is specially designed for cable joints up to 3.3kV. PC5581 has good anti corrosion properties and shows a good adhesion to metals, ceramics, and many different plastics, and can be utilized on all plastic- and paper insulated cable types.

- Type tested according to: IEC 60455-3-8:2013.
- High resistance against UV, chemicals and earth alkalines.
- High hydrolysis resistance.
- No halogens and plasticizers.

Properties	Unit	Value	Test method
Potlife (process time) 0,3L bij 5°C	minute	28	IEC 60455-2
Potlife (process time) 0,3L bij 40°C	minute	9	IEC 60455-2
Gel time	minute	14	
Density	g/cm ³	1,52	EN ISO 1183-1
Impact strength	kJ/m ²	36,4	EN ISO 179
Hardness	Shore D	41	EN ISO 868
Tensile strength	MPa	7,07	EN ISO 527
Elongation at break	%	40	EN ISO 527
Curing in water - Gas volume	ml	0	IEC 60455-2
Diaelectric strength	kV/mm	>20	
Volume shrinkage	%	0,33	
Temperature resistance	°C	-25 tot +120	
Shelf life	month	24	



mix 2 min.



Article No	Description	Volume (ml)
200200	Filofill PC5581, 200ml	200
200350	Filofill PC5581 350ml	350
200450	Filofill PC5581, 450ml	450
200750	Filofill PC5581, 750ml	750
201200	Filofill PC5581, 1200ml	1200
201500	Filofill PC5581, 1500ml	1500
202000	Filofill PC5581, 2000ml	2000

Features

- Type tested according to: IEC 60455-3-8:2013
- High resistance against UV, chemicals and earth alkalines
- High hydrolysis resistance
- No halogens and plasticizers
- Good visibility of the mixing process through the transparent packaging
- High impact-resistance
- Low curing temperature
- No toxic emission
- Good adhesion to all cable materials
- Recommended operating temperature between 0°C and +35°C
- Storage temperature between +10°C and +35°C, short term between -10°C and +50°C
- Excellent curing characteristics