

COPRAX FIBRA S5-SDR 11 PP-R PIPE AND FITTINGS

MAIN FEATURES

PRODUCT	Three layer PP-R, Polypropylene Random Copolymer Pipe, blue color, Glass Fiber PP-R reinforced in the medium layer. PP-R Fittings, Polypropylene Random Copolymer, blue color without and with metal insert in chrome-plated brass CW614N and electric socket.
RAW MATERIAL	Polypropylene Random Copolymer and Glass Fiber PP-R reinforced
FIELD OF APPLICATION	Cold and hot water installation for drinkable water, heating and air-conditioning.
DIMENSIONS	Pipe: PN16-SDR7.4 : Ø20-Ø25-Ø32mm Pipe: PN16-SDR7.4 : Ø40-Ø50-Ø63-Ø75- Ø90- Ø110- Ø125mm Fittings: PN20-SDR6 : All the range: from Ø20 to Ø125mm Electric socket: PN20-SDR6 : Ø20-Ø25-Ø32mm. Electric socket: PN16-SDR7.4 : Ø40-Ø50-Ø63-Ø75-Ø90mm. Electric socket: PN10-SDR11 : Ø110- Ø125mm.

STANDARDS

UNI EN ISO 15874 - DIN 8077-78

Linear expansion coefficient

mm/mK

0,035

Internal roughness

mm

0,007

WORKING CONDITIONS ACCORDING TO 50 YEARS LIFE

CLASS	1
Working Temperature	60°C
Working Pressure	6 bar

OTHER APPLICATION FIELDS

- Compressed air
- Flow of thermal and saline waters
- Flow of industrial liquids
- Flow of food liquids

RAW MATERIAL FEATURES

	STANDARDS	UNITY	VALUE
PP-R			
Density at 23°C	ISO 1183	g/cm ³	0.898
Flow Index			
MFI 190/5kg	ISO 1133	g/10 min	0.5
MFI 230/2.16kg	ISO 1133	g/10 min	0.3
Thermal conductivity at 20°C λ		W/mK	0,24

Issue 01/2019 – rev.06

PRANDELLI S.p.A



UNI EN ISO 9001:2015