

<p><i>FLXT</i> <i>PRODUCT SPECIFICATION</i> CJS320w</p>
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SCOPE:

CJS320w is a grade of crosslinkable PE that should be crosslinked with **CJS320c** (it's catalyst) and use for PEX-AL-PEX pipes.

The **CJS320w** base material in combination with the **CJS320c** catalyst master batch will accelerate the moisture – induced crosslinking reaction in a sauna or hot water bath and is designed for PEX-AL-PEX pipes.

The base material **CJS320w** is based upon a cost optimized medium density polyethylene.

CJS320w contains permanent scorch retardant additives which ensure safe processing and gives a possibility to use a highly active crosslinking catalyst. Additionally **CJS320w** contains antioxidant.

SPECIFICATIONS:

The catalyst master batch **CJS320c** in combination with the base material **CJS320w** meets applicable requirements given by pipe standards such as ASTM D1281.

PHYSICAL AND MECHNICAL PROPERTIES:

Characteristic	Typical value	Unit	Test method
Density (23°C)	0.94	g/cm ³	ASTM D792
MFI (190°C , 2.16 kg)	0.7	g/10 min	ASTM D1238
Tensile strength	17	Mpa	ASTM D638
Elongation	> 450	%	ASTM D638

CROSSLINKING:

CJS320w / CJS320c can be crosslinked by immersion in hot water or exposed to low pressure steam at a temperature of up to 90°C. This time period may be varied due to the humidity, thickness of layer, real size and temperature.

Example: **CJS320w / CJS320c**, time to reach 65 percent jel content at 90°C and sauna or water bath.

<u>layer thickness (mm)</u>	<u>hr</u>
0.7	10
1.8	20

PACKING AND DELIVERY:

- CJS320w

Form:

Granules

Package:

a-In 20 kg strong vacuumed aluminum bags that protected from moisture ingress.

b -In 110 kg vacuumed barrels.

- CJS320c

Form:

Granules

Package:

a- In 1 kg strong aluminum bags that protected from moisture ingress.

b -In 10 kg polyethylene barrels.

SAFETY:

CJS320w / CJS320c is not classified as a dangerous preparation.

Handling and transport of the products may generate some dust and fines which constitute a potential hazard for dust explosion.

The products are intended for industrial use only. A safety data sheet is available on request. Please contact us for more details on various aspects.