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BOHEMI CHEMICALS

CHEMICALS FOR GLASS COATING

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POLYGLAS 5010

DESCRIPTION

Bohemi P5010 is an aqueous dispersion based on high molecular weight ethylene copolymer thermoplastic, having excellent adhesion on glass, aluminum, metal and other polar substrates. It has the particularity to be applied by the glass factory and secondly be reactivated by the food producer.

CHARACTERISTICS

Parameters	O.C.O norm	Specifications
Appearance	QCR017	White liquid
pH	QCR028	8 – 10
Non volatile contents	QCR001-05	24 - 26 %
Viscosity @25°C	QCR002-04	< 1000 mPa.s

PROPERTIES

- Heat-seal coating with good flexibility on many substrates as metal, glass, plastic like polyethylene.
- It provides clearfilm which is resistant to water, solvent, grease and oils.
- After the application can be left to dry and subsequently reactivated by the food producer after the filling operation of the jar

APPLICATIONS

- It can be applied pure or diluted with demineralized water.
- It is necessary to maintain a pH greater than or equal to 7.
- Drying take place from room temperature to 120°C.
- After a complete drying film, the recommended heat seal temperature is 90 to 130°C.

STORAGE CONDITIONS

- Shelf life: 6 months in original packing.
- Must be protected from frost during transport, storage between 5 and 35°C.

FOOD LEGISLATION

Its formula respects many food agreements including Regulation (UE) n° 10/2011 concerning plastic materials intended to enter in contact with food products (food contact status available on demand) as well as FDA 175-300 or 175-105.



Bohemi Chemicals is certified ISO 9001: 2008.
TUV NORD CERT: for the supply of chemicals and related after-sales services and for use in hot and cold treatment in glass processing

