



BOHEMI CHEMICALS

Technical Data Sheet

Polyglas D5007

DESCRIPTION

Polyglas D5007 is an aqueous dispersion based on high molecular weight ethylene copolymer thermoplastic, having excellent adhesion on glass, aluminum, metal and other polar substrates.

TYPICAL CHARACTERISTICS

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

PROPERTIES

Polyglas D5007 is a protective coating that can be used as heat-seal coating with good flexibility on many substrates as metal, glass, plastic like Polyéthylène. It provides clearfilm which is resistant to water, solvent, grease and oils.

After a complete drying film, the recommended heat seal temperature is 90 to 130°C.

STORAGE CONDITIONS

Shelf life: six months in original packing.

Must be protected from frost during transport, storage between 5 and 35°C.

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.

Our Technical Service is ready to supply all the relevant information regarding the correct use of our products.

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.

For more information, please refer to the "Food contact status".