

**P. A. PLAST-201**

WATER REDUCER / PLASTICIZER ADMIXTURE

**DESCRIPTION**

P. A. PLAST-201 is a water reducer and plasticizing admixture.

It meets the requirements of the following standards:

ASTM C494/C494 M TYPE A

EN 934

INSO 2930

**ADVANTAGES**

- Reduces water-cement ratio up to 12%
- Increases workability and workability retention of concrete
- Improves pump ability of concrete
- It can be used with all types of Portland cement
- Prevents creep and shrinkage of concrete
- Increases the compressive strength of concrete
- Prevents bleeding and segregation of concrete

**APPLICATION**

- Suitable for producing pumpable concrete
- Ready mix concrete
- Slabs, foundations, columns, shear and retaining walls, deck bridges, etc.
- Design of concrete mixes with crushed aggregates
- Hot weather concreting

**FIELD OF APPLICATION**

P. A. PLAST-201 is a water reducer and plasticizing admixture

**DOSAGE**

The optimum dosage of P .A. PLAST-201 can be determined by trials in the site. Depending on concrete mix design (sizes and types of aggregates, cement content, water/cement ratio, ambient temperature and concreting conditions), a dosage of between 0.5 and 1.5 percent by weight of cement or cementitious material is recommended.

For use with other range of dosage, contact ABADGARAN GROUP Technical Services Department.



موسسه استاندارد و تحقیقات صنعتی ایران  
تائیدیه صلاحیت آزمایشگاه همکار



مرکز ملی تایید صلاحیت ایران  
ISO / IEC 17025



مجوز صادرات  
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استاندارد ملی ایران



**TECHNICAL PROPERTIES**

Specific gravity	1.09±0.05 g/cm <sup>3</sup>
Physical state	Liquid
Color	Dark Brown
Chloride Content	Nil to EN 934

**STORAGE & SHELF LIFE**

Shelf life: 1 year in the original package

Storage condition: Should be protected from direct sunlight and frost. Keep container in the temperature range between +10°C and +30°C.

Packing: 22 kg container or 1000 kg tank

**HEALTH AND SAFETY**

This product does not contain any substances hazardous to human health and the environment. However, it should not be swallowed and contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water. P. A. PLAST-201 is not flammable.

For further information refer to the material safety data sheet. MSDS is available at ABADGARAN GROUP website.

**TECHNICAL SERVICE**

The ABADGARAN INTERNATIONAL GROUP Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

All data presented in this technical datasheet are based on our last researches in ABADGARAN CONSTRUCTION CHEMICALS laboratories and are just as a guide for choosing appropriate material. Therefore users should conduct a sufficient investigation to establish the suitability and conformity of any product for intended uses.



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