

**خلاصه امکانسنجی : ( نرخ تبدیل دلار دولتی : ۳۰,۱۰۸ ریال )**

<b>General Specification</b>
Name of The Project: Unsaturated polyester resin production plan
Project Capacity: 1,000 ton
Personnel Number: ۲۸ person
Working Days: ۳۶۰ days
Product Usage: To fill the voids in the surface rock (stone mastic) is very suitable for molding small parts is applicable. Fs-1338 is very suitable for the production of fiberglass reinforced polyester sheet has a gel time is short.
<b>Marketing</b>
Product Global Price: 4-4.5 \$
Domestic Demand: -
Domestic Production: 114,385 ton
Import: 630,115 kg
Export: 440,555 kg
<b>Technical Study</b>
Land Area: 2,500m <sup>2</sup>
Building Area: 11,967 m <sup>2</sup>
Main Raw Materials: Propylene glycol, phthalic anhydride, maleic anhydride
Supplying Place of Raw Materials: internal
Power Requirement: 38,690 kw/h
Water Requirement: 10,476 m <sup>3</sup>
Fuel Requirement: gas: 25,550 m <sup>3</sup> Benzin: 36,500 liter
<b>Economical &amp; Financial Study</b>
Fixed Investment Cost (Rail's & other Currencies) 1,307,020 \$
Working Capital: 106,739 \$

Total Investment Cost: 1,418,459 \$
Annual Sale: 2,324,963.46 \$
Net Present Value(NPV): 1,632,867.65 \$
Break Even Point(BEP): 34.91%
Internal Rate of Return(IRR): 51%
Investment Return Period: 28months
Internal Rate of Return(IRR) Including 100% of capacity: 69%
Investment Return Period Including 100% of capacity: 1.45years