

# **GRINDFINE**

## **GRINDING AID FOR**

### **CEMENT**



412, Vikas Deep Building, Laxmi Nagar District Centre, Vikas Marg, Delhi-110092.

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ISO 9001:2015, 14001:2015, 18001:2007

## **GRINDING AID**

**SPL LIMITED** manufacture Poly Carboxylic modified cement grinding aid of various molecular weight for cement grinding process under the brand **GRINDFINE**.

Cement grinding process consumes high amounts of electrical energy, **GRINDFINE** reduces energy consumption, improve surface area significantly as compared to other traditional Grinding Aid based on amines, glycol.

**GRINDFINE** impart following properties during clinker grinding.

**Reduce re-agglomeration**

**Reduce coating of mill equipment**

**Improve separator efficiency**

**Support the cracking**

**Increase in mill output**

**Increase cement fineness**

**Optimized granulometry**

**Improve powder flowability of the finished cement**

**Enhancing the strength of the cement.**

**Reduced pack set or “Silo Set” of Cement resulting in lower handling costs and reduced waste.**

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## **GRINDFINE DI 5400**

**GRINDFINE DI 5400** is a Polycarboxylic Ether base latest generation grinding aid. Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

Clear viscous liquid, Chloride content NIL, pH 9-10, High molecular weight

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE TI 5400**

**GRINDFINE TI 5400** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Later strength is good**

**Eco friendly**

**Properties**

Yellowish Tint Clear viscous liquid, Chloride content **NIL**, pH **9-10**, High molecular weight

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE TETI 5240**

**GRINDFINE TETI 5240** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

Brown viscous liquid, Chloride content NIL, pH 10-11, High molecular weight

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE TETI 1340**

**GRINDFINE TETI 1340** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

Brown viscous liquid, Chloride content NIL, pH 10-11, High molecular weight

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE TITE 4140**

**GRINDFINE TITE 4140** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

Brown viscous liquid, Chloride content NIL, pH 10-11, High molecular weight

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE TEPE 3240**

**GRINDFINE TEPE 3240** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

Brown viscous liquid, Chloride content NIL, pH 10-11, High molecular weight

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE TIPE 5240**

**GRINDFINE TIPE 5240** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

**Clear Liquid, Chloride content NIL, High molecular weight**

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE TETI 1440**

**GRINDFINE TETI 1440** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

**Clear Liquid, Chloride content NIL, Ph10-11, High molecular weight**

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE DI 5405**

**GRINDFINE DI 5405** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

**Clear Liquid, Chloride content NIL, pH 9-10, Very high molecular weight**

**Dosage**

**0.02% to 0.06%**

**Packing 250 Kg In HDPE Drum**

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## **GRINDFINE TI 4405**

**GRINDFINE TI 4405** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

Clear Liquid, Chloride content NIL, pH 9-10, Very high molecular weight

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE TETI 1445**

**GRINDFINE TETI 1445** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

Brown viscous liquid, Chloride content NIL, pH 10-11, Very high molecular weight

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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**GRINDFINE PE 7405**

**GRINDFINE PE 7405** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Eco friendly**

**Properties**

**Clear Liquid, Chloride content NIL, pH 8-9, Very high molecular weight**

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE TIPE 3245**

**GRINDFINE TIPE 3245** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Later strength is good**

**Eco friendly**

**Properties**

Clear Liquid, Chloride content NIL, pH 9-10, Very high molecular weight

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE TEPE 5245**

**GRINDFINE TEPE 5245** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

Brown viscous Liquid, Chloride content NIL, pH 10-11, Very high molecular weight

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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## **GRINDFINE TIPE 4345**

**GRINDFINE TIPE 4345** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Early and Later strength is good**

**Eco friendly**

**Properties**

**Clear Liquid, Chloride content NIL, pH 9-10, Very high molecular weight**

**Dosage**

**0.02% to 0.06%**

**Packing 250 Kg In HDPE Drum**

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## **GRINDFINE PE 7405**

**GRINDFINE PE 7405** is a Polycarboxylic Ether base grinding aid.

Through absorption on clinker surface impart cracking which reduces friction between the particles, increase the flow of particles thus improve the grinding effects.

Effectively prevent or reduce the agglomeration phenomena, maintain particle surface static balance,

**Increased strength of cement**

**Increase in cement flow ability**

**Increase in mill output**

**Increase cement fineness 12-20%**

**Reduce electricity consumption significantly**

**Eco friendly**

**Properties**

Clear Liquid, Chloride content NIL, pH 9-10, Very high molecular weight

**Dosage**

0.02% to 0.06%

Packing 250 Kg In HDPE Drum

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