



## Cold Recycling Agent Adv R-190

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### Function

To reduce chemical cross linking of partially scorched / cured compounds and make it processable without much affecting the physical properties

### Product specification

Adv R-190 is a low temperature recycling agent

Property	Description
Appearance	Powder
Colour	Off-white
Bulk Density	40 -70
Moisture, % (105 °C, 2 hours), Max	5.0
Shelf life	6 months

### Dosage

Recommended dosage varies with:

1. Type of rubber and
2. Extent of scorching

Normal dosage can be 3 – 10 % of the compound (not PHR)

### Mixing cycle

1. Put the partially scorched compound /finely ground crumb powder on cold mixing mill/ refiner (preferable temperature 40 – 65°C)
2. Immediately charge Adv R-190 along with compound
3. Run the mill for 3 -10 minutes
4. Add oil\* in the compound and mix for 3 – 4 minutes
5. Take the compound off the mill and observe if it has become soft and processable. If not, add additional oil till a proper soft sheet is made

\* Types of oil:

- Aromatic for NR, SBR
- Paraffinic for EPDM, IIR
- DOP / DINP / Phthalate free for NBR, CR



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**Application**

Moulded Goods, Profiles, Hoses, Belts etc

**Packaging**

25 kg HDPE lined bag

**Storage stability**

6 months under cool and dry conditions

**ADVENT CHEMICALS**

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