



## **FINAID - 182**

(For Rubbers)

**DESCRIPTION** : Unsaturated Fatty Amide

**SPECIFICATIONS** :  
Appearance : Creamish beads / Microbeads  
Acid Value : 1 Max.  
Melting Point :  $73^{\circ} \pm 5^{\circ}\text{C}$

(Slight variations of the specifications stated due to raw materials and production conditions are possible though they have no influence on the application properties described.)

**APPLICATIONS** :

- FinAid-182 is recommended as a slip agent for rubber products
- Its surface lubrication effect can be used to improve a rubber's resistance to sliding abrasion, prevent galling of parts to dry metal surfaces
- The slip effect offered helps easy installation of rubber parts by letting them "Slip" into position and reduce sticking together of cured parts
- Suggested for various elastomers like NR, NBR, CR, SBR, EPDM to improve flow, release and surface finish
- Recommended for EPDM, NBR, ECO, FKM extruded and moulded products

**PROPERTIES** :

- FinAid-182 is faster blooming than other amide waxes
- Improves anti-wearing properties.
- Reduces flow problems and mill sticking
- Enhances gloss and surface finish

**DOSAGE** :

1.5 – 2.5 phr. for NR, NBR, CR, SBR etc..  
3.0 – 5.0 phr. for EPDM  
Above 10 phr for long lasting bloom that is self restoring

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**Effect of FINAID-182 on Co-efficient of Friction (CoF) in Rubber Compounds**

CoF	Control	FINAID-182 2 phr
<b>NBR Compounds</b>		
STATIC	> 2	1.14
KINETIC	1.23	0.85
<b>SBR Compounds</b>		
STATIC	0.75	0.21
KINETIC	0.57	0.23

(The recommendation in this bulletin are made without guarantee since the conditions of use are beyond our control. Users should make their own tests depending on machinery available and desired properties.)

(RA/F-O-Rub/Aug'04)