

PRODUCT INFORMATION



FLOW POLYMERS, INC.,

PROMIX[®] 4TEAR[®]
Patented

APPLICATION: A new generation additive to improve tear strength, mixing, and dispersion. Especially effective in highly polar elastomers.

COMPOSITION: A mixture of polymeric resins and naturally occurring, non-toxic polymers.

TYPICAL CHARACTERISTICS

<u>APPEARANCE:</u>	Dark brown, easy-to-handle pellets
<u>SPECIFIC GRAVITY:</u>	Approximately 1.08
<u>SOFTENING POINT:</u>	95° ± 5 C
<u>% EVAPORATION LOSS:</u>	1.5% maximum (@ 105°C for 2 hours/5gm)
<u>ASH CONTENT:</u>	Approximately 2.0%
<u>SOLUBILITY:</u>	Soluble in aromatic solvents
<u>DISCOLORATION:</u>	Slightly staining
<u>STORAGE STABILITY:</u>	Minimum of one year under normal conditions
<u>PACKAGING:</u>	25 kg. polyethylene bags
<u>RECOMMENDED USE:</u>	4 - 8 phr. Add with the first addition of fillers. Reduce plasticizer by 75% of the amount of Promix 4Tear used.

ADVANTAGES

MIXING

Improved filler incorporation.
Potentially shorter mixing cycle.
Ease of handling (free flowing pellet).
Reduces loose filler on highly loaded stocks.

MANUFACTURING (Downstream)

Reduces dryness.
Improves mill banding.
Improves mill handling.

PERFORMANCE

Improved tear resistance.
Reduced nerve.
Potential for reduced mold tearing.
Increased stiffness.

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