

Lubricating Processing / Dispersing Aids

TR 016	An extremely effective lubricant and wetting agent that can be used in a wide variety of polymer systems. Also provides release characteristics.
TR 041	A nonionic, ester-based wetting agent for polar fillers and pigments used for improved dispersion and metal release. Contains no metal ions.
TR 041 VG	TR 041 VG is vegetable grade fatty acid based.
TR 071	Similar to TR 016 except the calcium ion is replaced by a zinc ion. Works well in HIPS, PS and color concentrates.
TR 251	A blend of anionic and nonionic surfactants for areas where EBS is being used. An effective dispersant and wetting agent for pigments and fillers in a wide variety of polymer systems.
TR 451	Specifically designed for use in highly loaded mineral filled polyolefins. This unique additive allows compounders to utilize untreated minerals while maintaining or improving the processing and physical property characteristics typically associated with treated minerals.

Homogenizers

RP 28	A compatibilizer and blending aid that reduces splay in colored and/or filled polymers. Extremely compatible with polyolefins and PVC and can be used to increase extrusion output rates. Also for recycling a wide range of polymer streams.
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Oleic Acid Amides and Antiblocking Agents

TR 121	Oleamide used as a slip agent in polyolefins. Its uniform bloom makes it a valuable flow and release agent in thermoplastics and thermoset elastomers. Bead form is available as TR 121F.
TR 131	Erucic acid amide used as a higher temperature slip agent. Its slower migration rate is beneficial for printing films. Bead form is available as TR 131F.
TR 141	Stearic acid amide which blooms in an invisible monolayer for surface appearance and antiblocking. Improved surface in rotomolded compounds. Bead form is available as TR 141F.
TR EBS	Ethylene bisstearamide wax for a wide range of polymers used for improved dispersion of pigments and fillers and viscosity modification.
TR EBS VG	TR EBS VG is manufactured from high quality vegetable acid with low iodine value.

Viscosity Modifiers

RP 11 RP 38	Lubricating viscosity modifiers for polypropylene that provide consistent melt flow change in both virgin and recycled materials. These multi-functional additives are formulated to meet the desired amount of melt change in a given range. In the case of RP 38, odor control additives can be incorporated as needed. It is designed to work well in contaminated mixed recycle streams.
VMO 058 VMO 108 VMO 208 VMO 308 VMO 408	The VMO series products include odor neutralizer which will reduce odor in the final compound. The VMO series allows manufacturers to easily increase the MFI of a polypropylene to meet their compound requirements. Provide the ability to adjust the melt flow of PP which will result in faster throughput rates and ultimately cost savings.

Antioxidants

Morstille 18C DSTDP	Thioester secondary antioxidant for use in conjunction with phenolic primary antioxidants in a wide range of polymers.
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ODOR/VOC

RP 17
RP 53

Odor control additives that are effective in polymer systems containing recycled rubber and plastics content. Ideal for automotive and recycling applications for improving both odor during processing, as well as odor of the final part. Can also be used in polyethylene and polypropylene based wood-plastic composites.

Metal Stearates

Zinc Stearate

A high purity micro-bead or pellet form of zinc stearate. Used extensively in resin production, compounding and color concentrate production. Other grades include Vegetable Grade and Clear Melt.

Others

Calcium and Magnesium Stearates.

Compound System	Polyolefins		ABS / SAN	HIPS / GPPS
Unfilled	RP 17 ☉ RP 28 ◆ ○ ★ RP 38 ★ RP 53 ☉	TR 016 ● ▲ ○ TR 121 ■ ▲ TR 131 ■ ▲ TR 141 ■ ▲	RP 28 ◆ ○ TR 016 ● ▲ TR 251 ● ▲	TR 071 ▲ Zinc Stearate ▲
Mineral Filled	RP 17 ☉ RP 28 ★ ◆ ★ RP 38 ★ RP 53 ☉	TR 016 ● ▼ ▲ ★ TR 251 ● ▼ ▲ ★ TR 451 ● ★ ◆	RP 28 ★ ○ TR 251 ● ▲	TR 071 ▼ ▲ ★
Color Concentrate	RP 28 ★	TR 251 ▲ ★	TR 016 ● ★ ◆ TR 251 ● ★ ◆ TR-EBS ★	TR 071 ● ★ ◆
Flame Retarded	TR 016 ● ▼ ▲ ★ TR 041 ● ▼ ▲ ★ TR 071 ● ▼ ▲ ★		RP 28 ★ ◆	TR 041 ● ▼ ▲ ★ TR 071 ● ▼ ▲ ★
Alloy or Blend	RP 17 ☉ RP 28 ★ ◆ ★	RP 38 ★ RP 53 ☉	RP 28 ★ ◆	RP 28 ★ ◆
Recycled Content	RP 11 ● ★ RP 28 ★ ◆ ★ RP 38 ★	TR 451 ● ★ ◆	RP 28 ★ ◆	RP 28 ★ ◆

■ Coefficient of Friction

● Flow

▼ Impact Resistance

▲ Mold Release

★ Mixing

◆ Productivity

○ Surface Properties

★ Viscosity Modification

☉ Odor Reduction/Neutralization

For specific recommendations based on your polymer or process system
contact us directly at **(330) 928-5188**

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