

PLASTAID-T

PLASTAID-T is a Multifunctional Processing Aid (MPA) for highly filled polyolefins like filled PP/PE compounds, colour masterbatches, TPO/TPE compounds.

PLASTAID-T has sites available for hydrogen bonding and is therefore able to act as a coupling agent between base polymer and filler materials.

<u>SPECIFICATIONS</u>	:	Appearance	:	Powder
		Melting point	:	110°C ± 10

(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 :

- Filled PP/PE compounds based on talc, calcium carbonate, glass fibre etc.
- PE based colour masterbatches
- Flame retarded compounds
- Highly filled TPE and TPO compounds
- Rubber modified polymer systems/elastomers
- Thermosetting moulding powder, like PF moulding powder
- SMC / BMC compounds

PROPERTIES :

- Lower viscosity and improved flow at processing temperature
- Better and homogeneous dispersion of fillers and additives
- Higher impact properties in talc filled PP compounds
- Reduced and more uniform mould shrinkage
- Easier mould release in most systems
- Better surface appearance
- Non-blooming properties permit painting or decorating
- Lower die swell
- More homogeneous dispersions of TPO blends and highly filled systems

In addition, PLASTAID-T can be also used in those standard unfilled polymers where reduced melt viscosity and flow improvement are desired at processing conditions. In many systems better surface appearance with lower and more uniform mould shrinkage is achieved. Property losses are negligible for most compounds at the normal addition levels of PLASTAID-T. It is also suggested as a lubricant for polyolefins, PVC, PS, ABS, PET and many of TPO and TPE systems. PLASTAID-T is also suitable for epoxy, phenolics, SMC/BMC and other thermosetting compounds.

USE LEVEL : 0.5 to 1.5 % on total compound weight

The recommendations 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.